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Supporting Information for:

Tectonic inheritance with dipping faults and deformation fabric in the brittle and ductile southern California crust

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Contents

This file contains 4 supplemental figures with captions and one table.

Figure S1 shows a long seismicity profile running SE – NW with a change in the depth of the brittle-ductile transition.

Figure S2 shows a map with the location of a series of closely spaced profiles across the Southern San Andreas Fault. Fig. S3 shows seismicity profiles for those lines.

Figure S4 show additional example stations for receiver function analysis.

Table S1 contains A1 peak solutions for all stations.

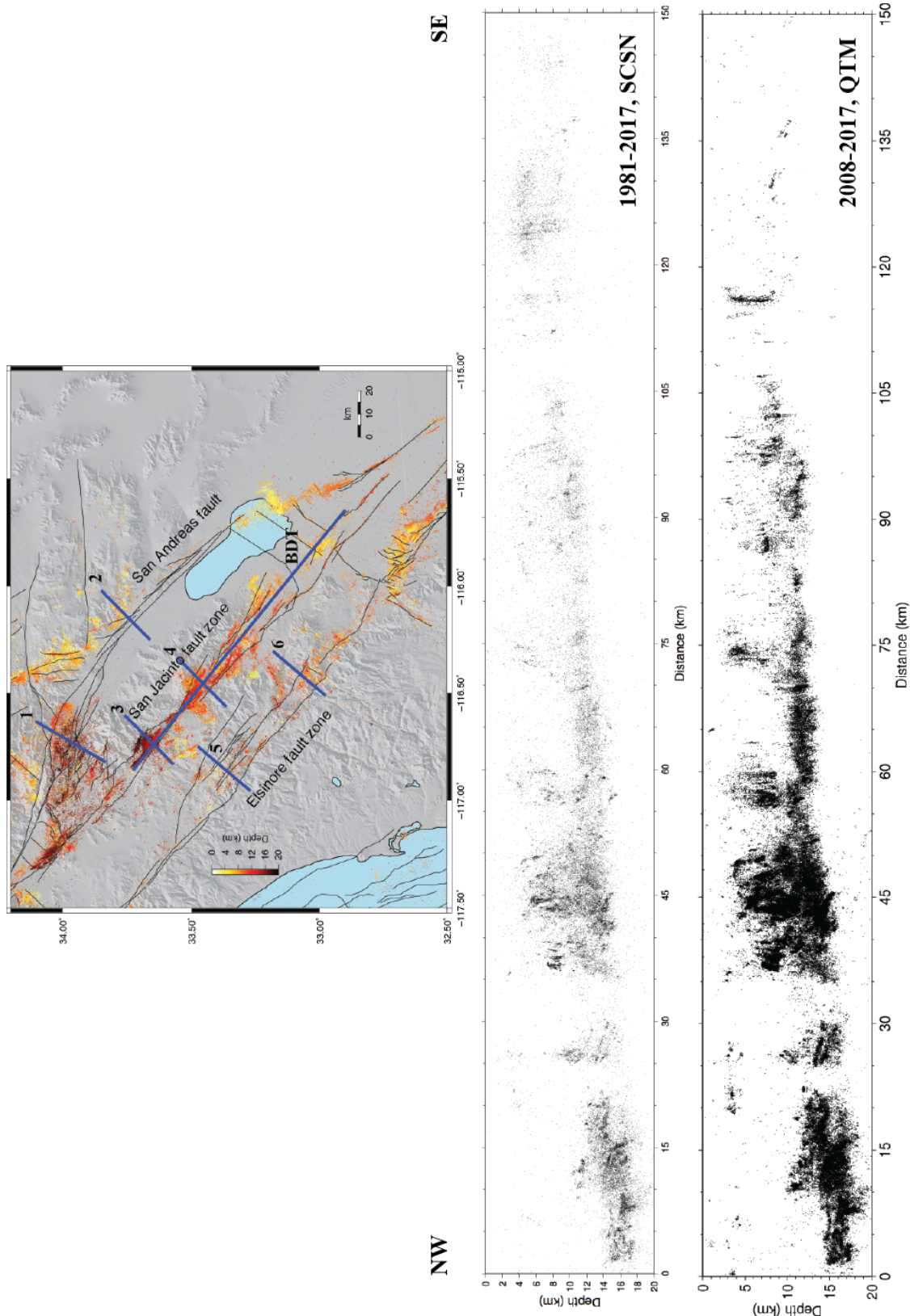


Figure S1: (Top) Map of seismicity as in main text, but with long profile named 'BDT' (brittle-ductile transition) added. (Middle) Seismicity along profile BDT from SCSN catalog (Hauksson et al., 2007 and updates). (Bottom) Seismicity along same profile from QTM catalog (Ross et al., 2019), which has a lower magnitude completeness threshold.

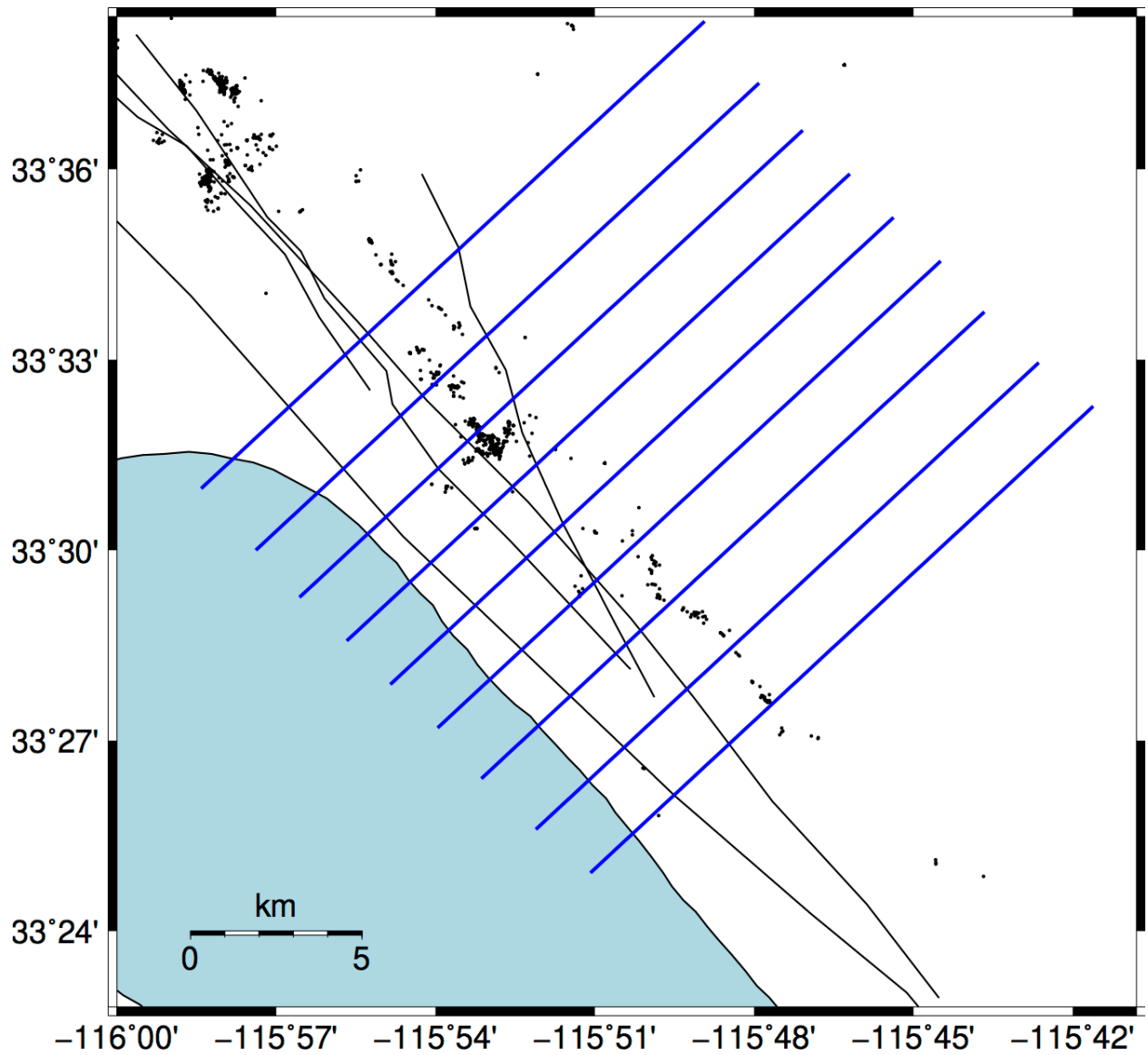


Figure S2: Location and seismicity map for a series of closely spaced profiles (blue) across the Southern San Andreas fault (black lines), near the eastern shore of the Salton Sea. Depth profiles are shown in Fig. S3. Profile spacing varies between 2-3 km.

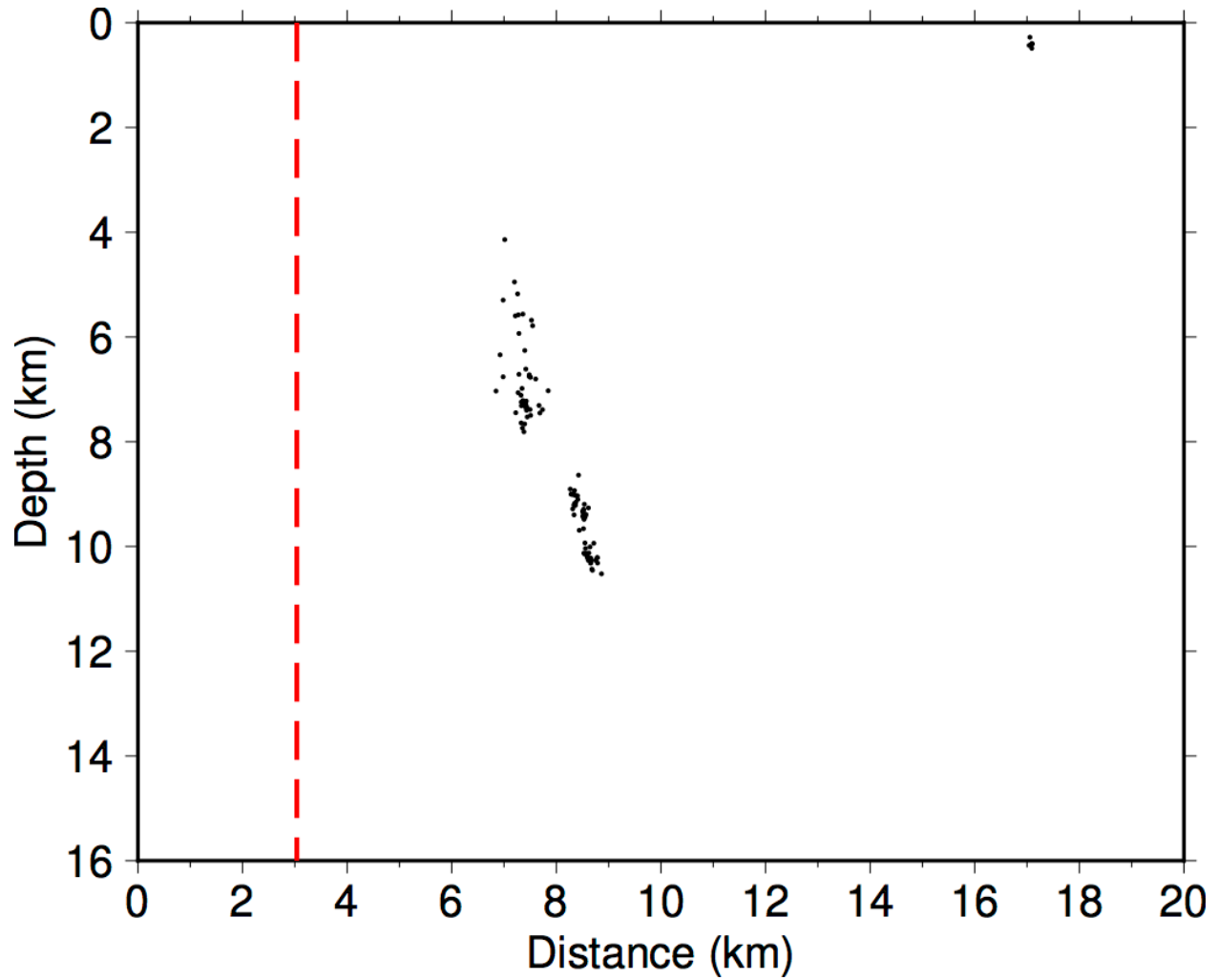


Figure S3 a. Seismicity depth profile for the northernmost blue line in Fig. S2. Red line is the vertical projection of the surface trace of the San Andreas Fault as in Lin et al., 2007 (which is nearly identical to the fault trace close to the shore in Fig. S2). Left is southwestern end of the profile, right is northeastern end. Seismicity is shown within 3 km distance on either side of the profile line (some amount of overlap between profiles).

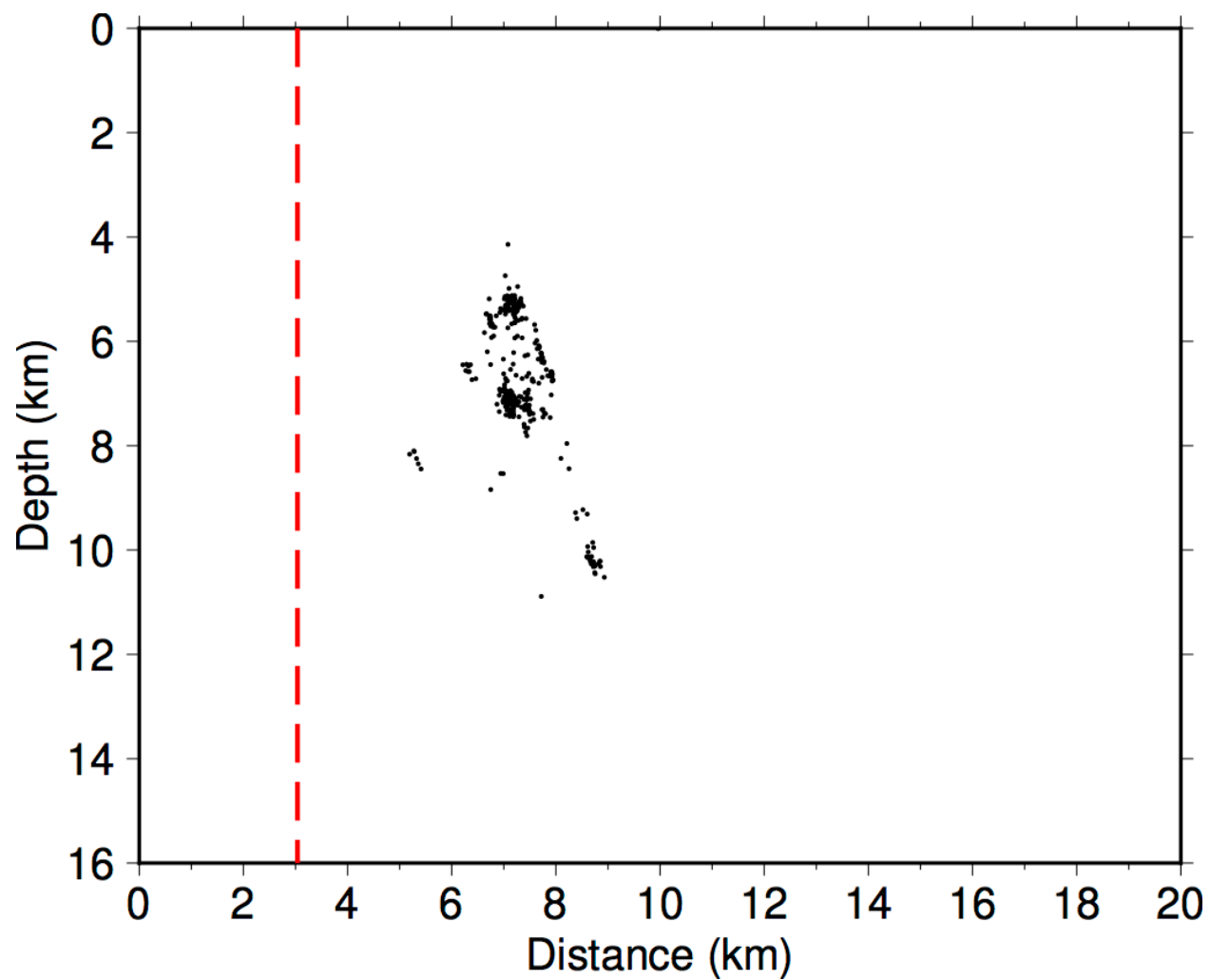


Figure S3 b. As in Fig. 3a, but second profile from the north.

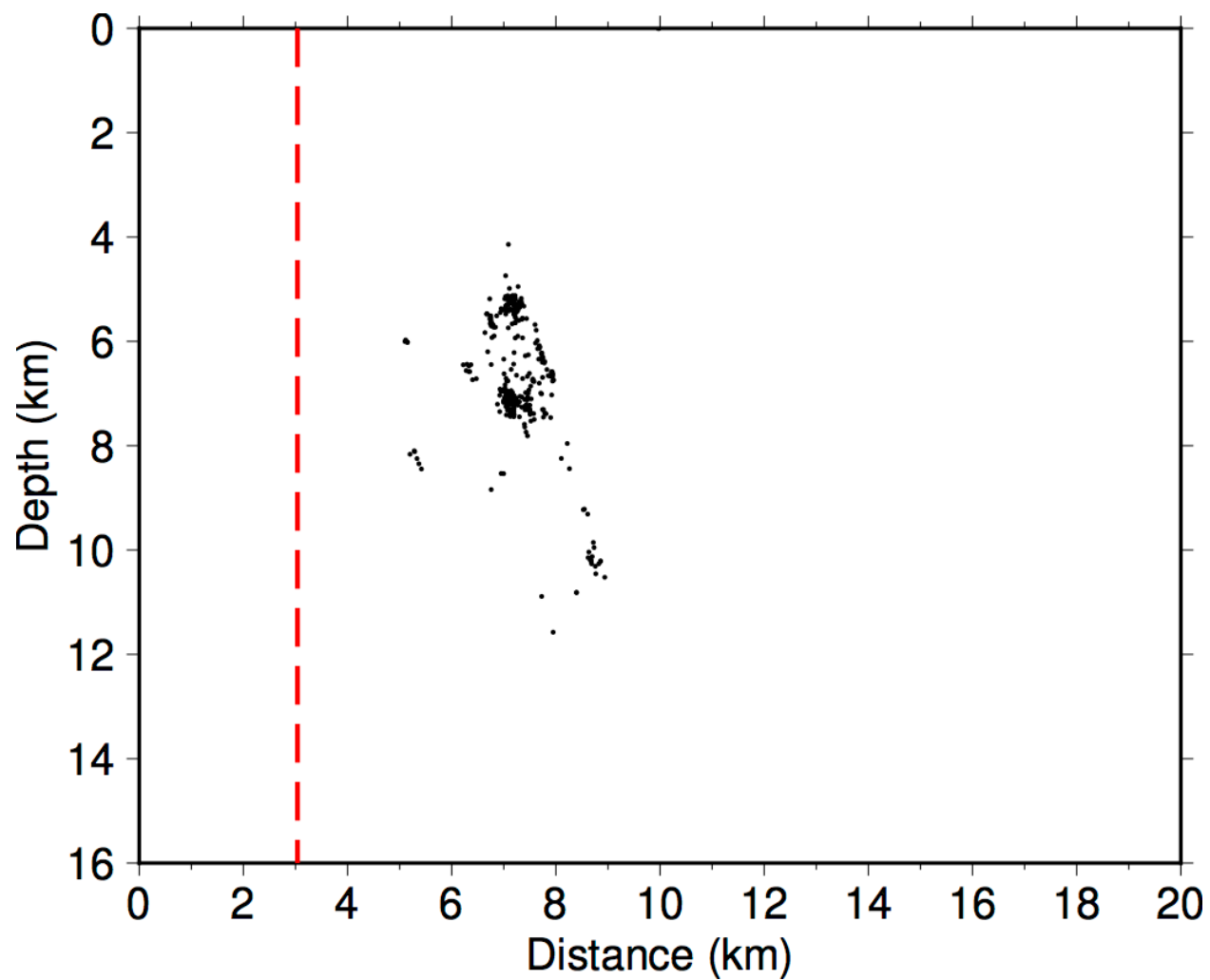


Figure S3 c. As in Fig. 3a, but third profile from the north.

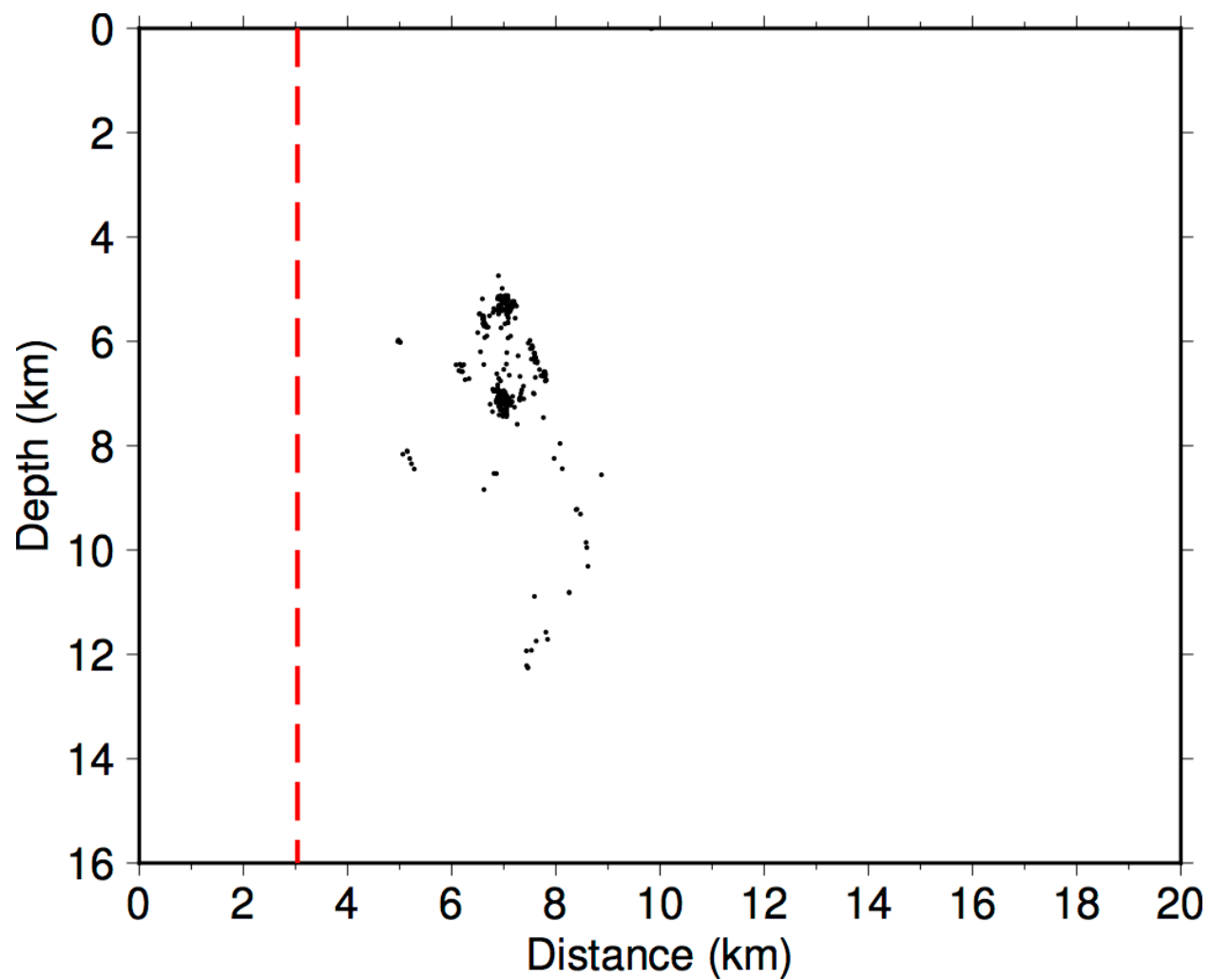


Figure S3 d. As in Fig. 3a, but fourth profile from the north.

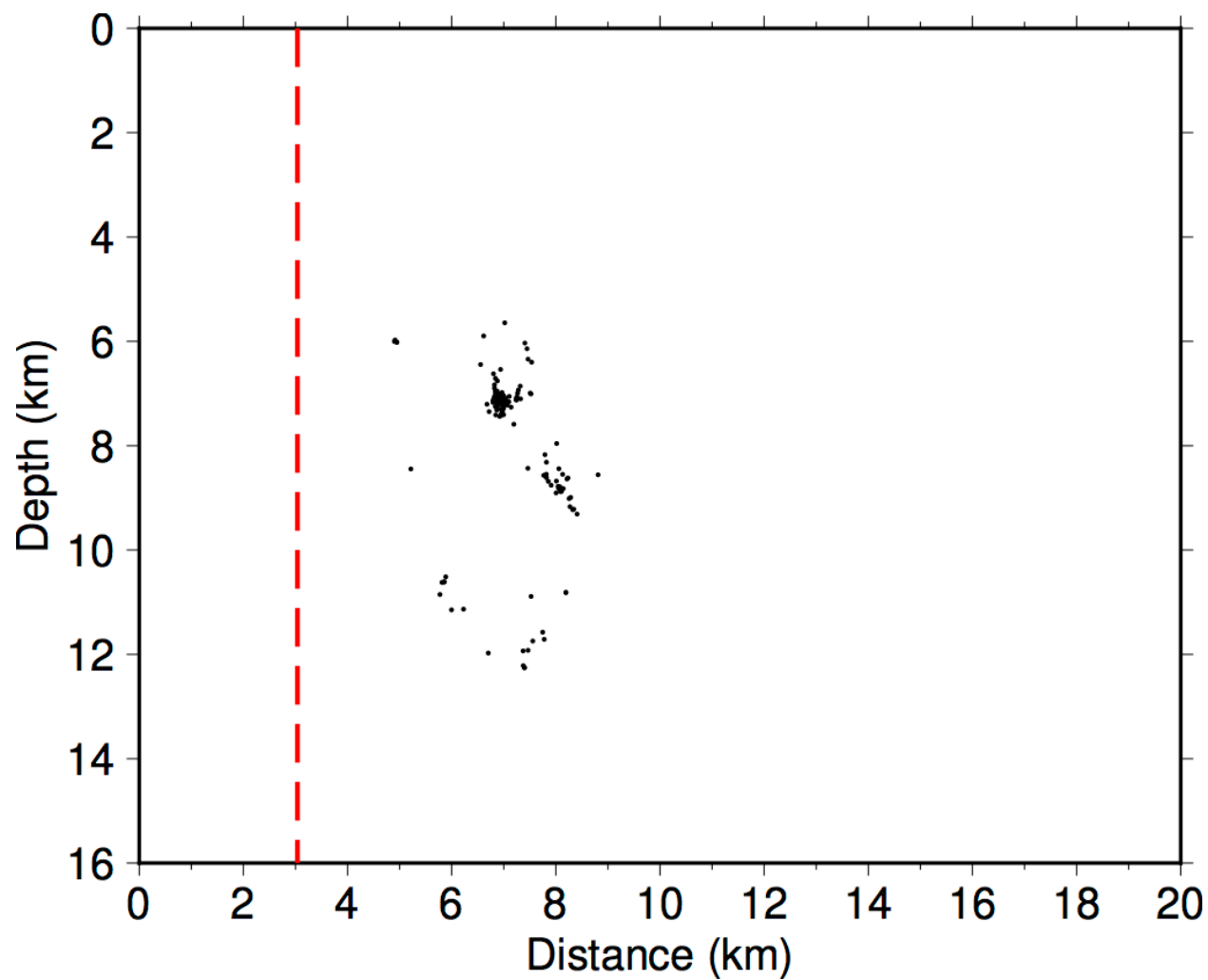


Figure S3 e. As in Fig. 3a, but fifth profile from the north.

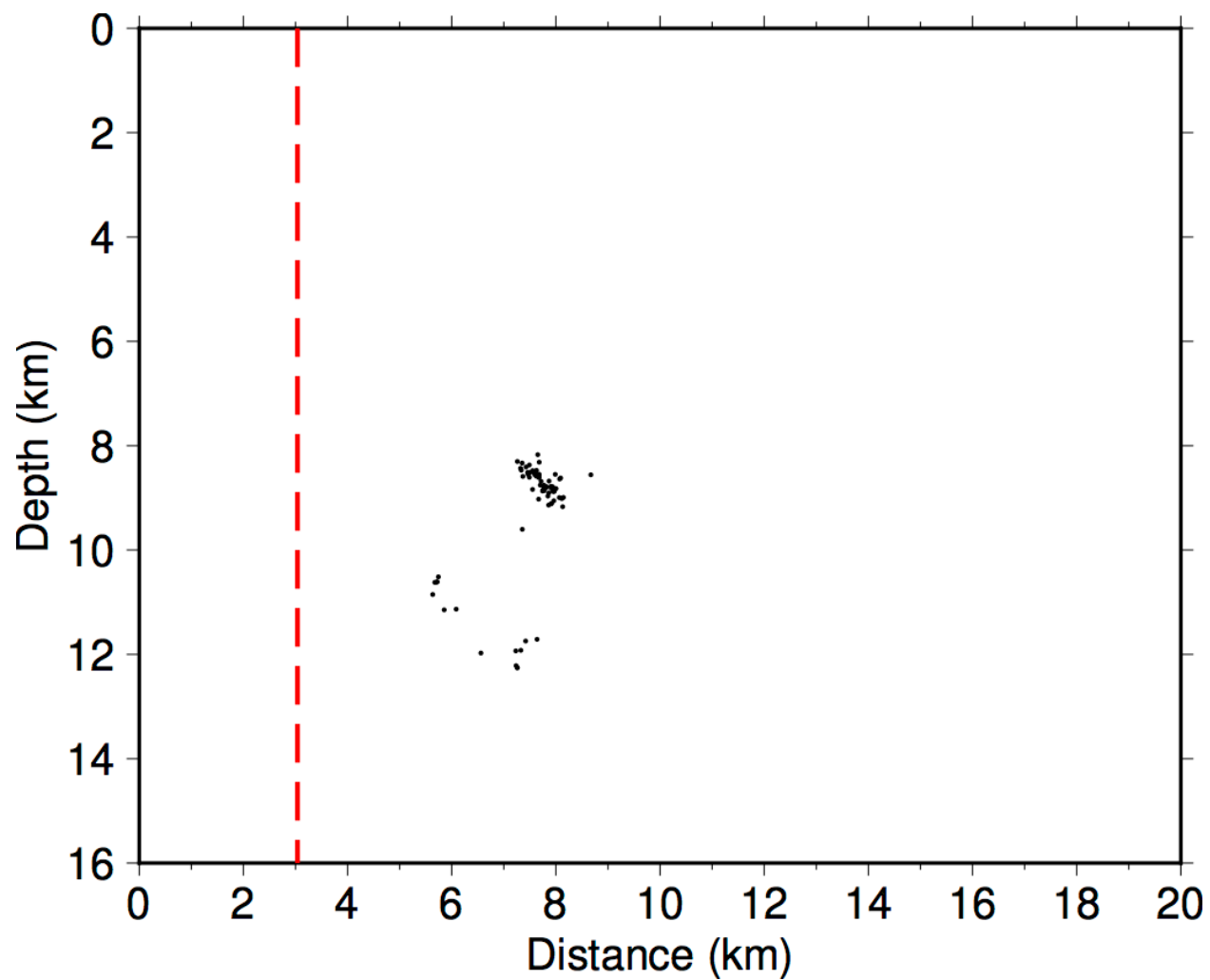


Figure S3 f. As in Fig. 3a, but sixth profile from the north.

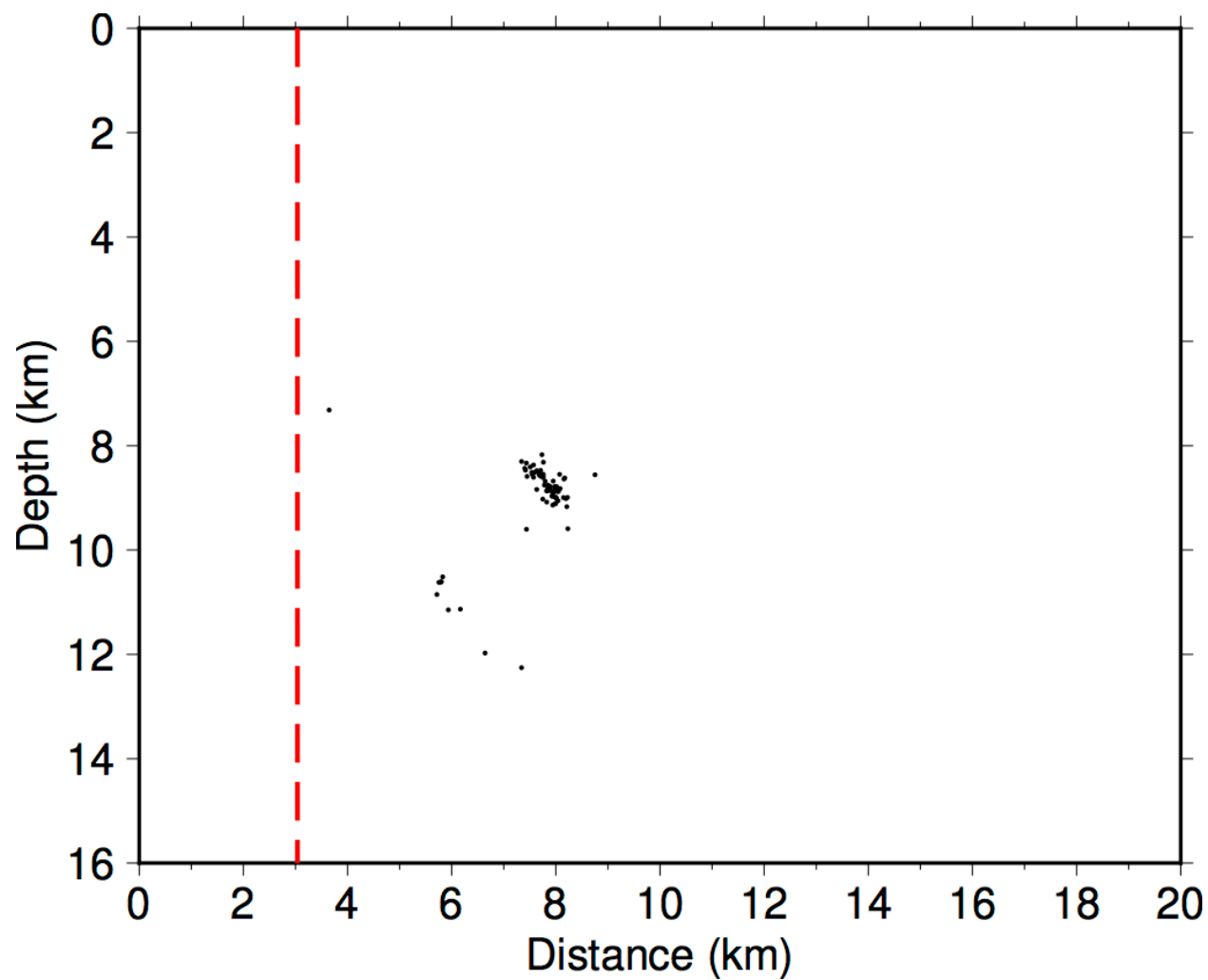


Figure S3 g. As in Fig. 3a, but seventh profile from the north.

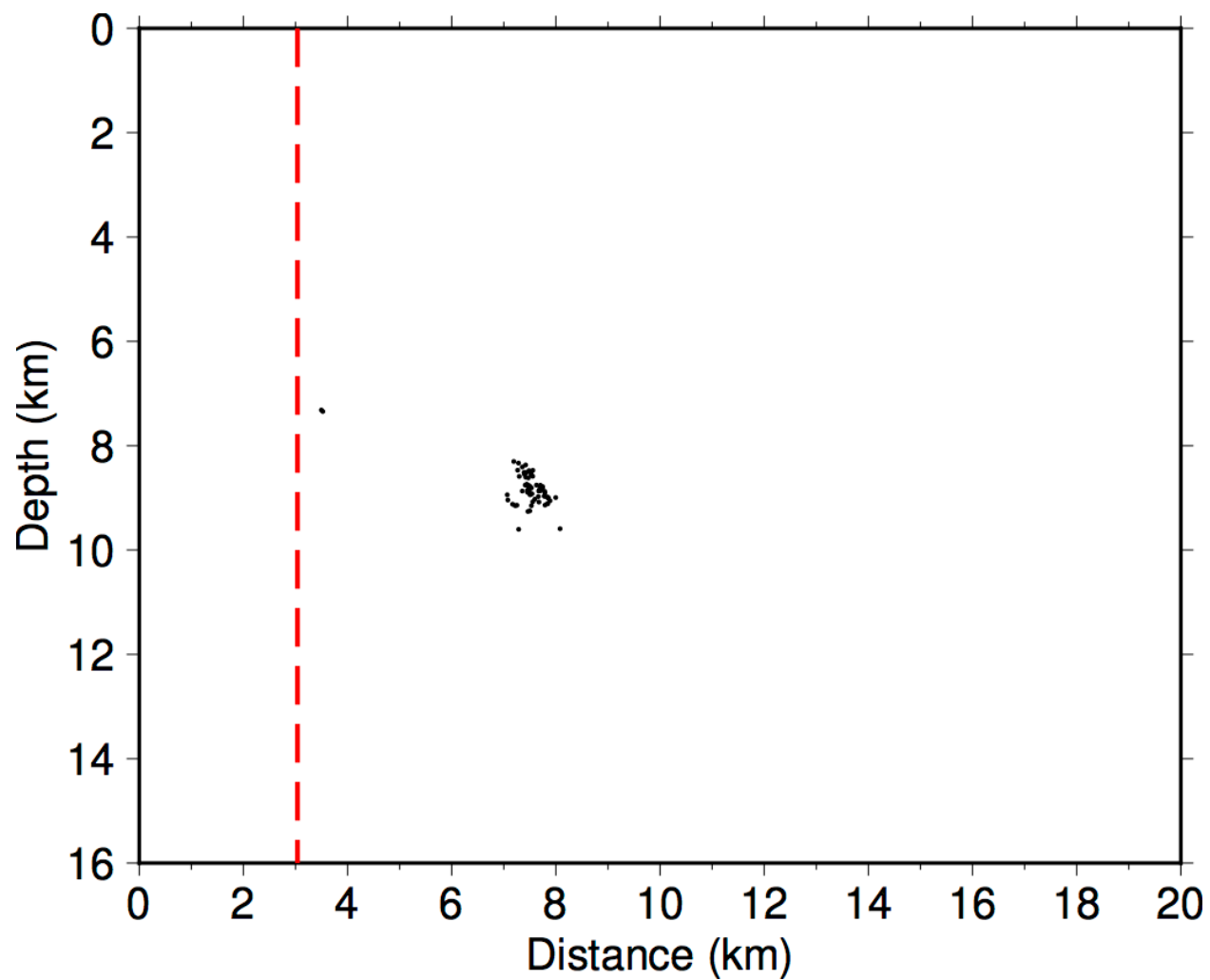


Figure S3 h. As in Fig. 3a, but eighth profile from the north.

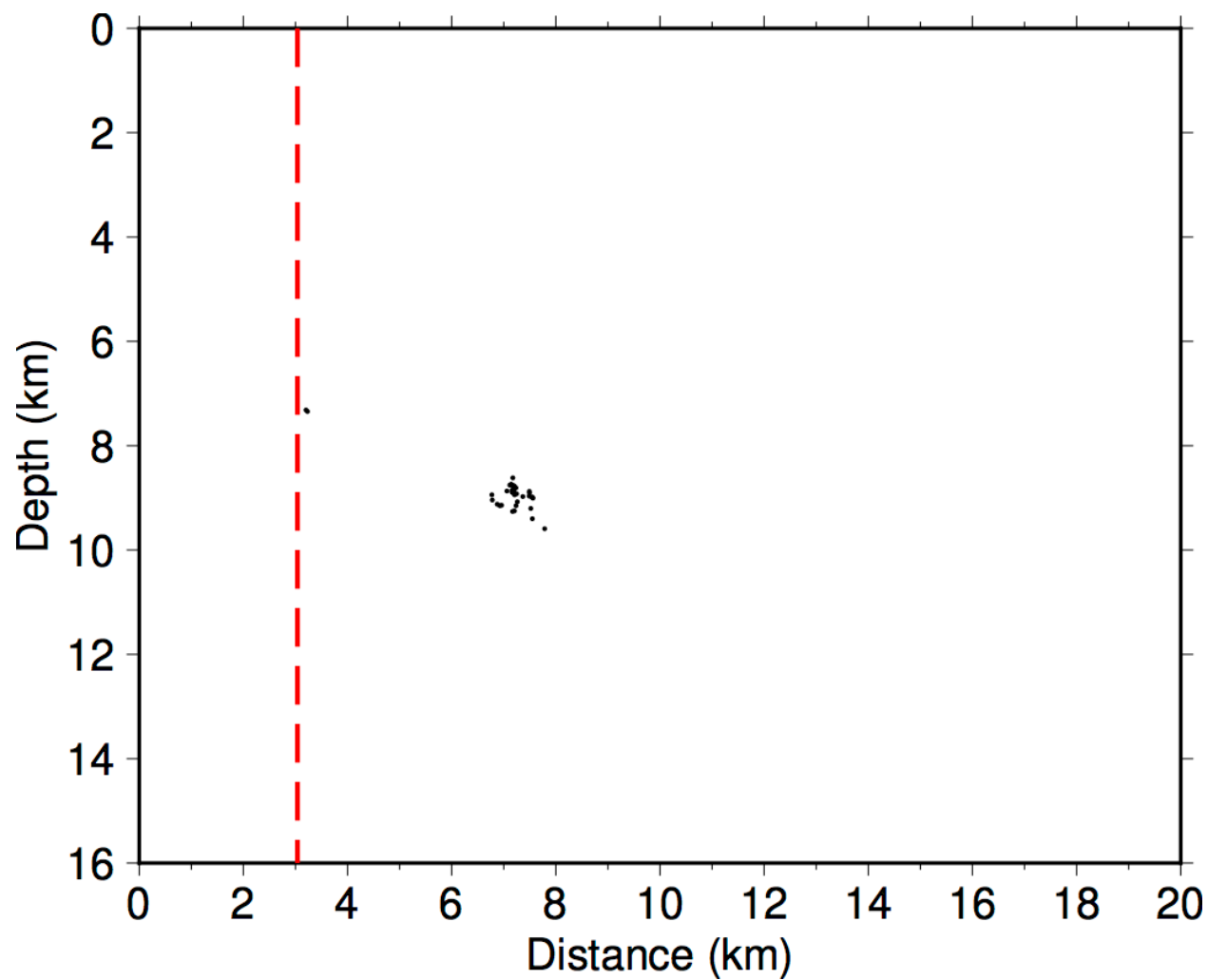


Figure S3 i. As in Fig. 3a, but ninth profile from the north.

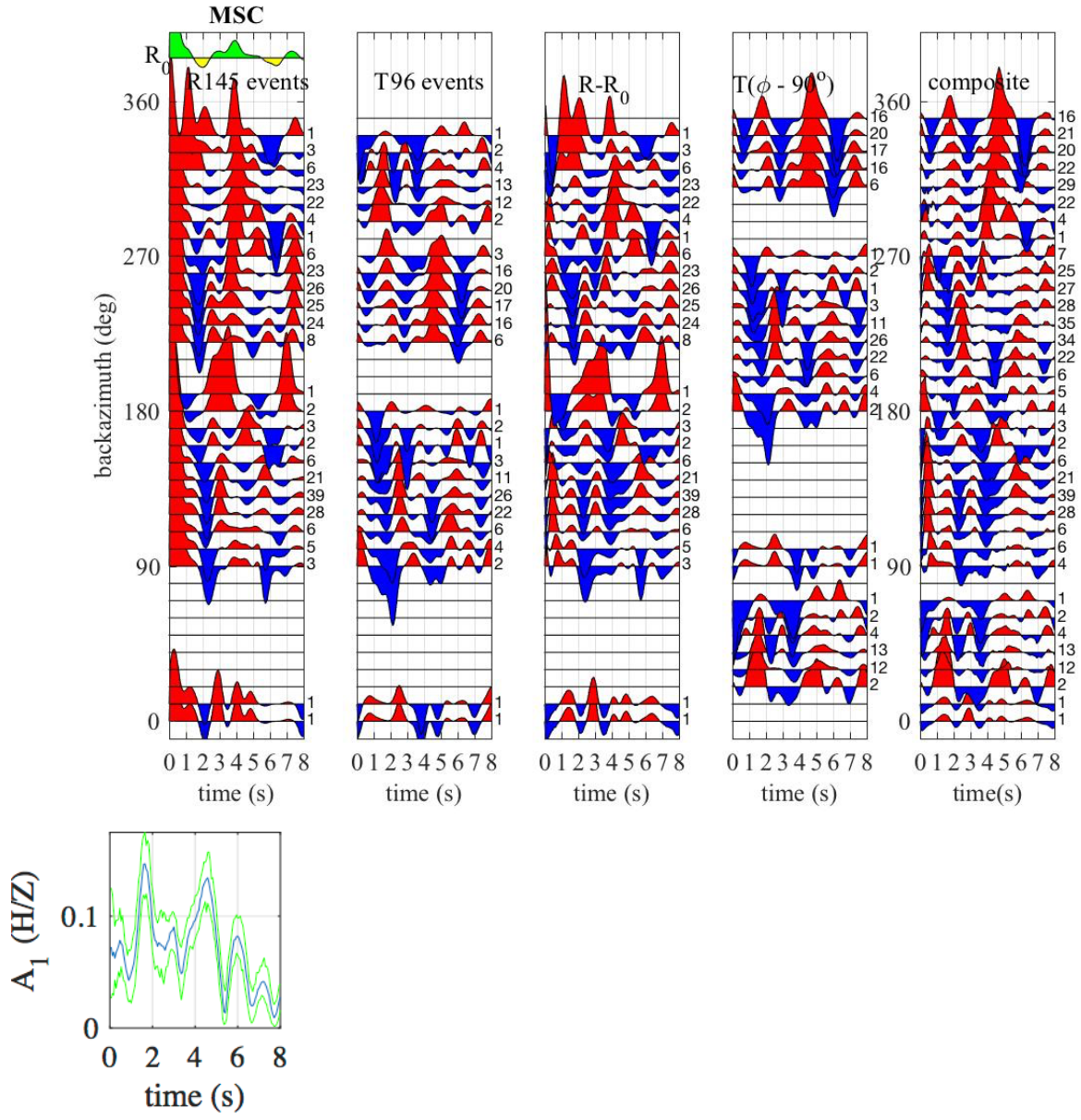


Figure S4 a. As in Fig. 3 in the main text, but for station MSC marked in Fig. 4.

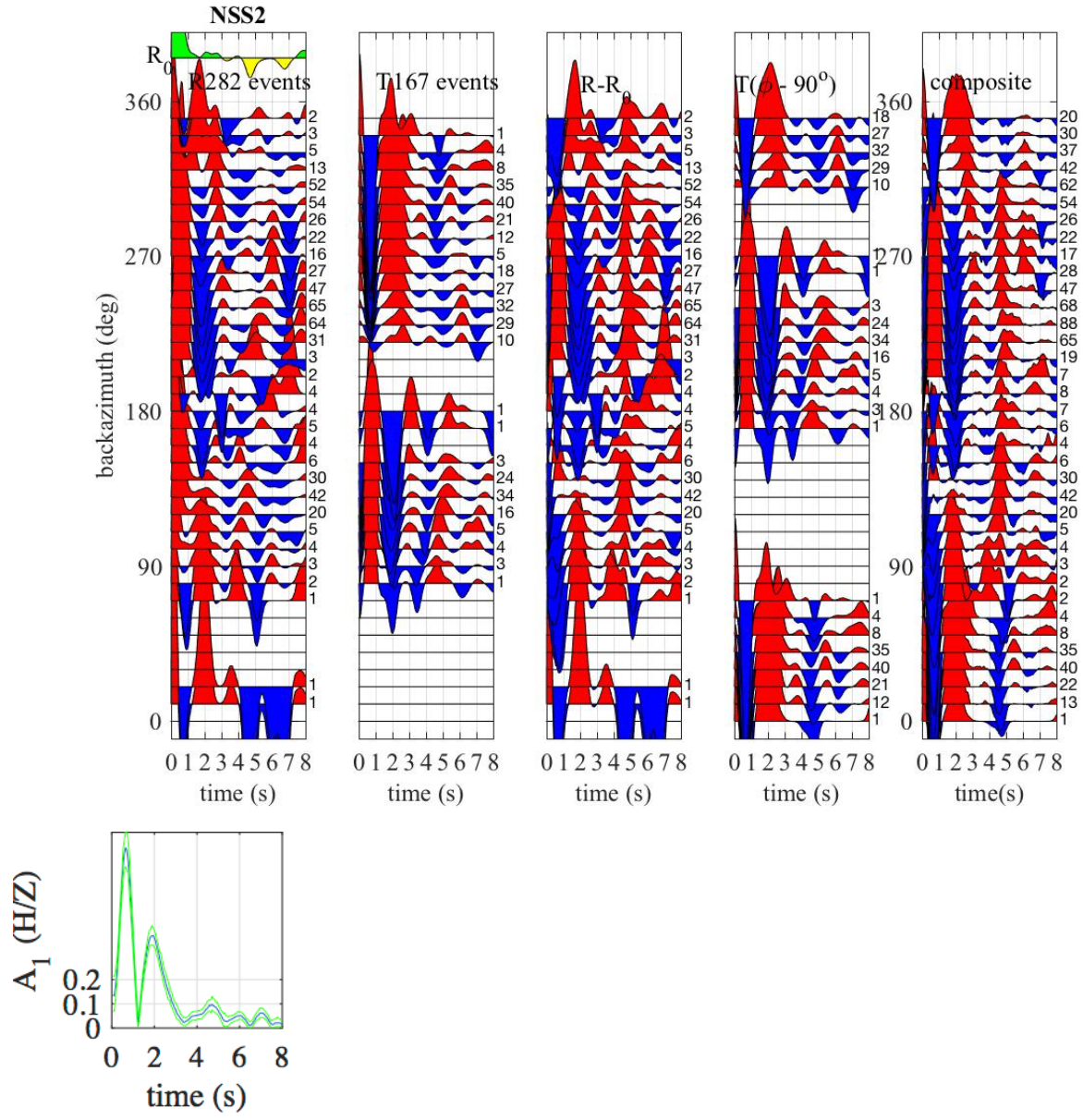


Figure S4 b. As in Fig. 3 in the main text, but for station NSS2 marked in Fig. 4.

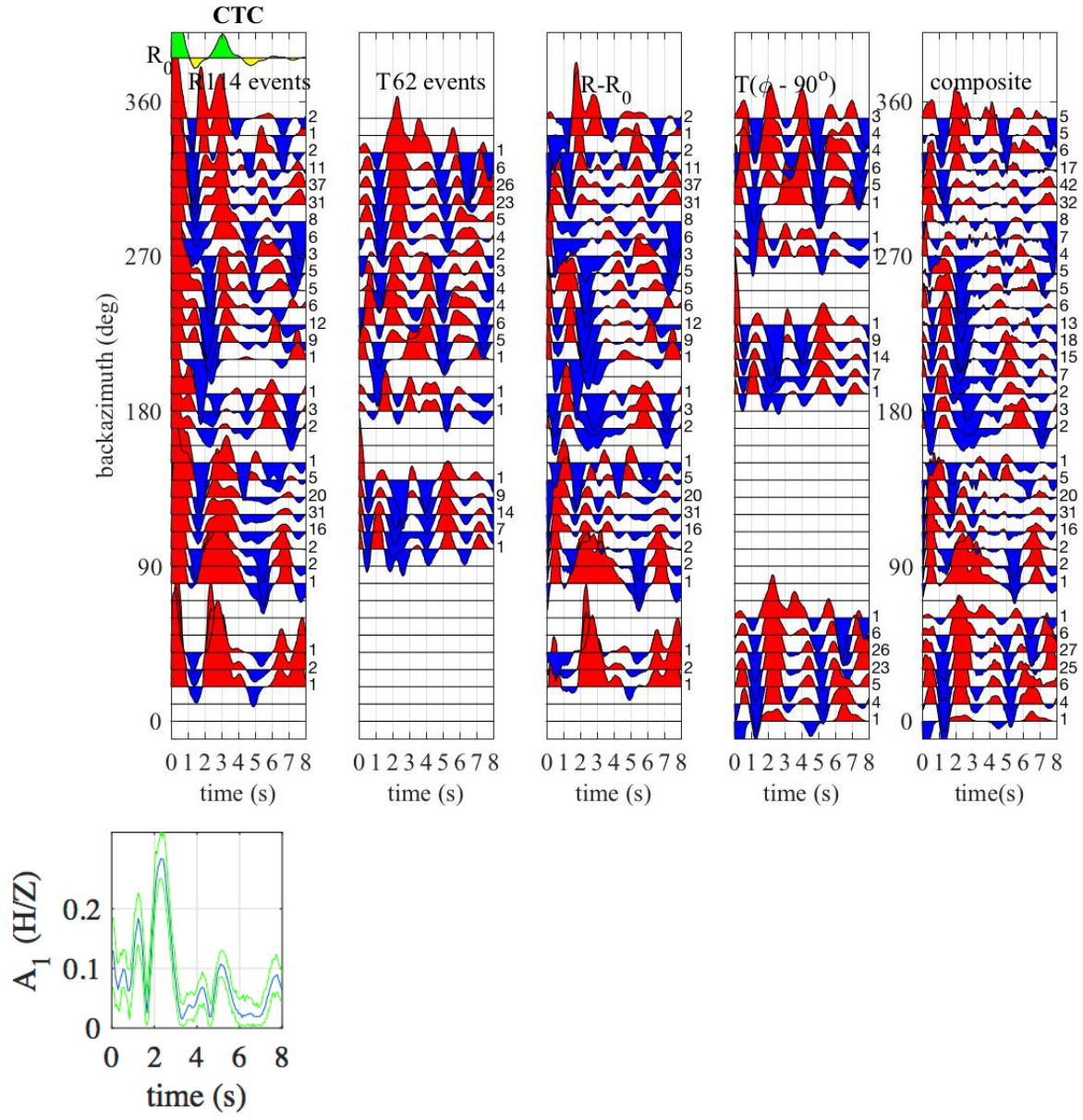


Figure S4 c. As in Fig. 3 in the main text, but for station CTC marked in Fig. 4.

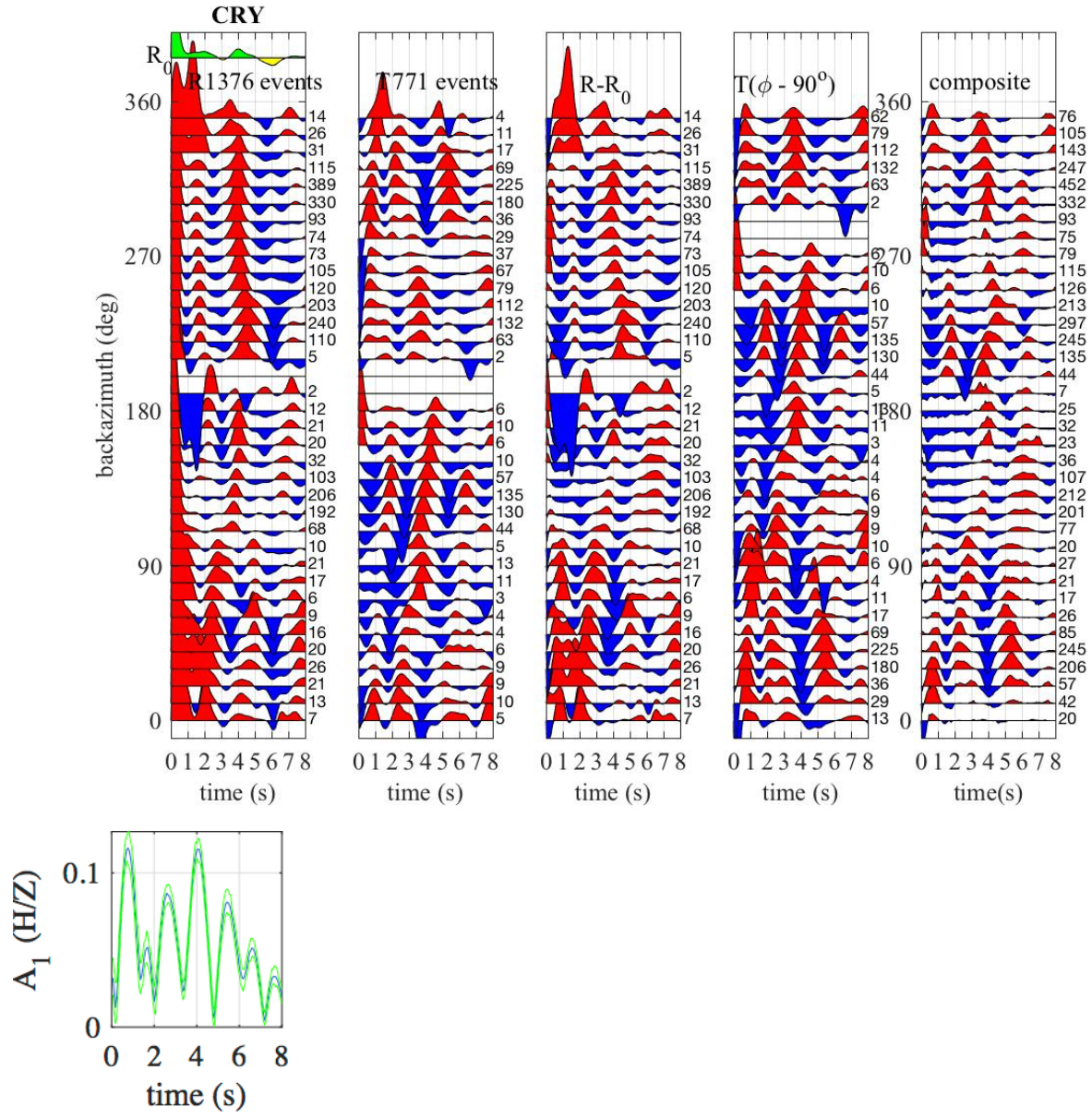


Figure S4 d. As in Fig. 3 in the main text, but for station CRY marked in Fig. 4.

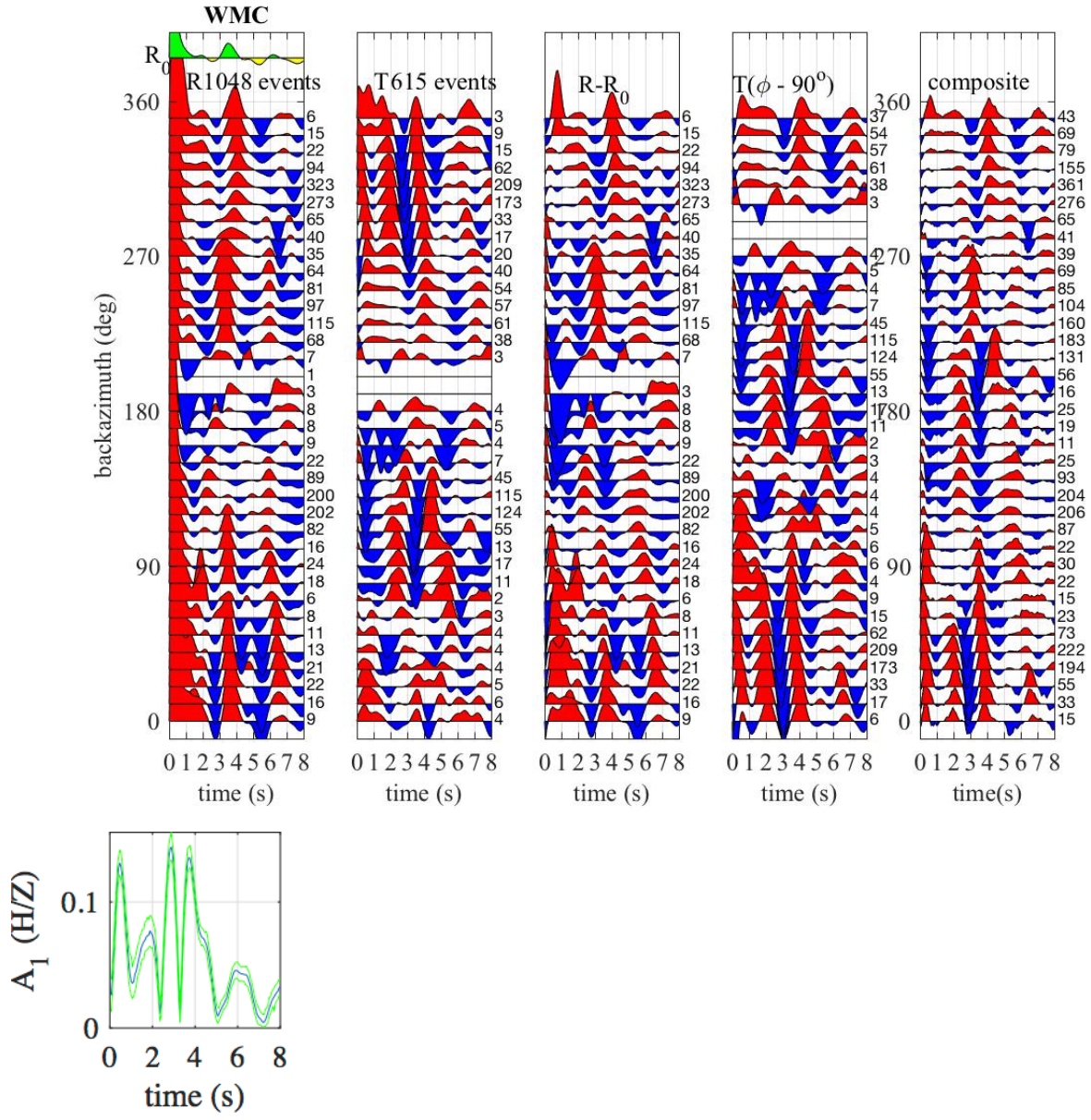


Figure S4 e. As in Fig. 3 in the main text, but for station WMC marked in Fig. 4.

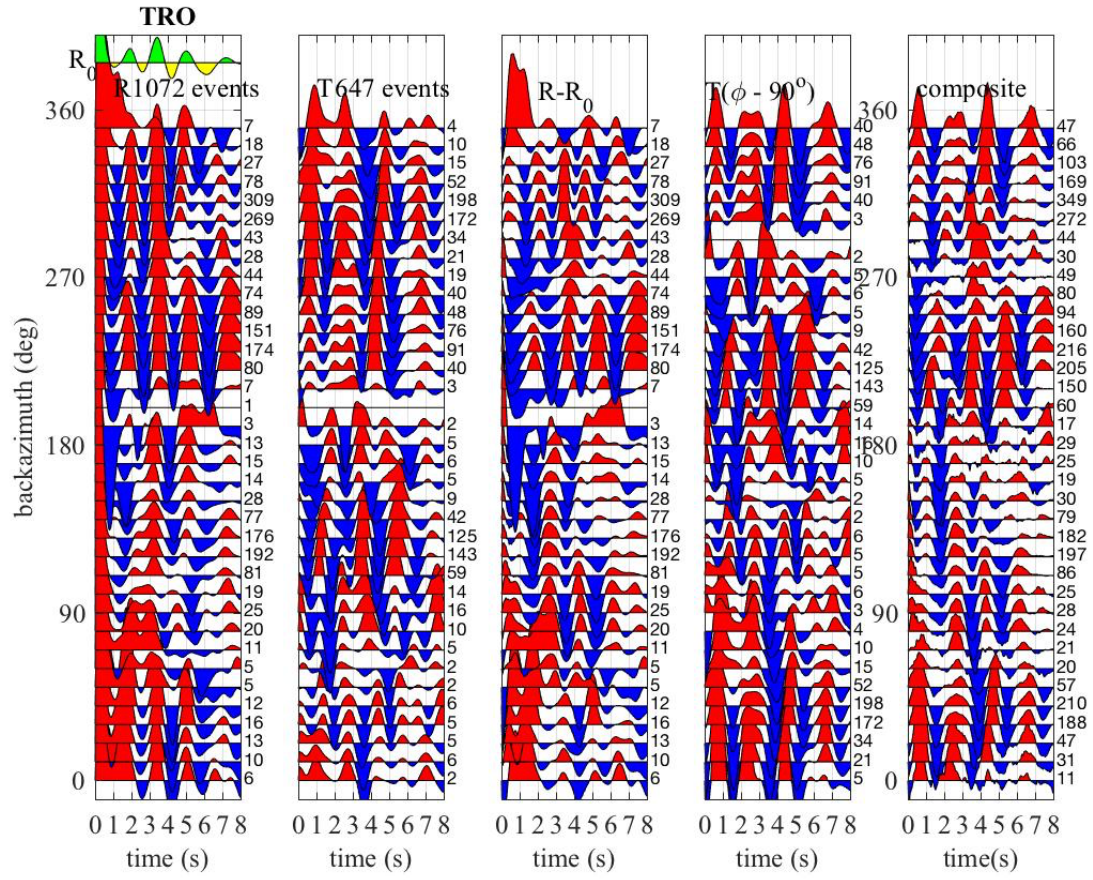


Figure S4 f. As in Fig. 3 in the main text, but for station TRO marked in Fig. 4.

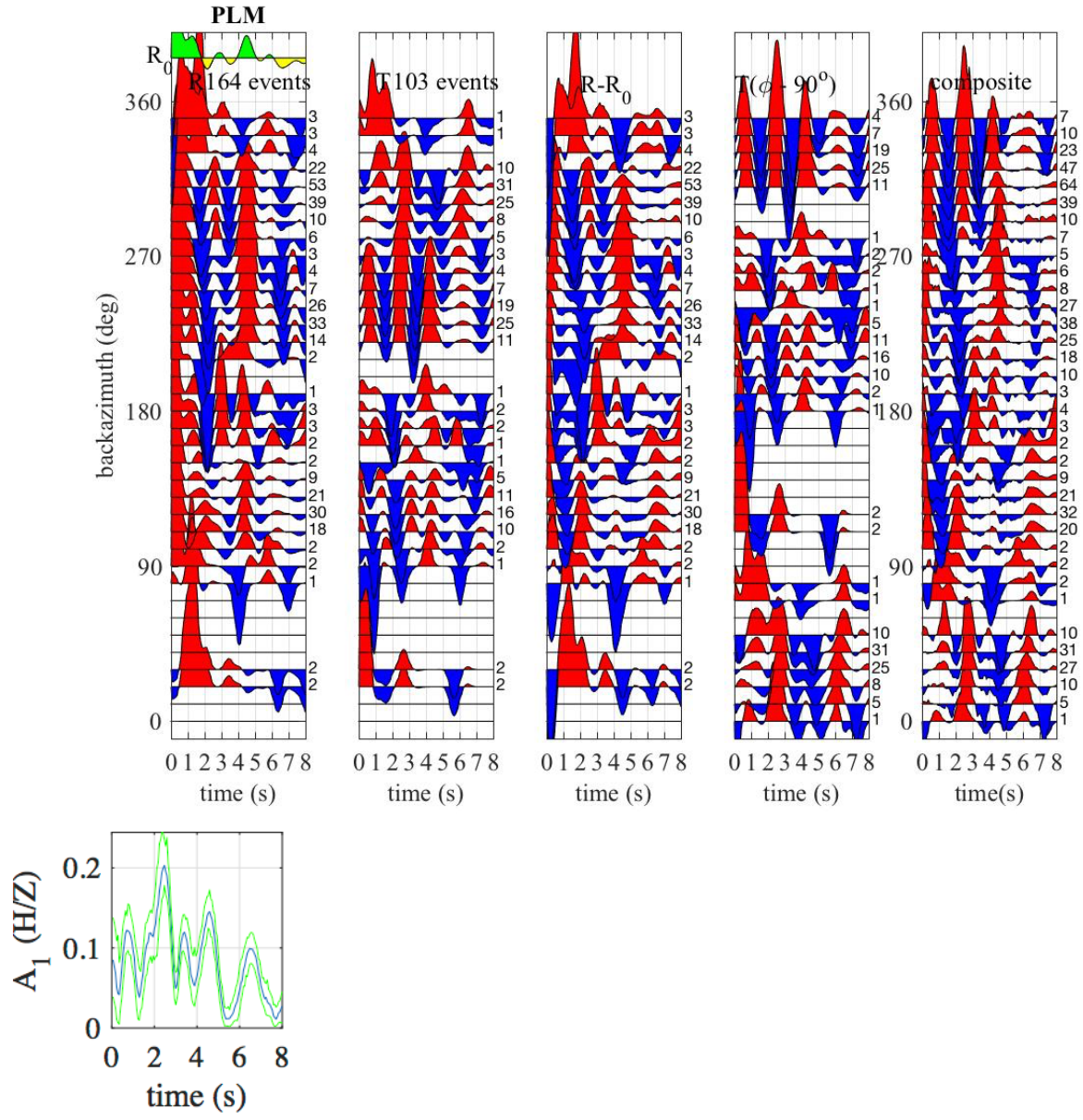


Figure S4 g. As in Fig. 3 in the main text, but for station PLM marked in Fig. 4.

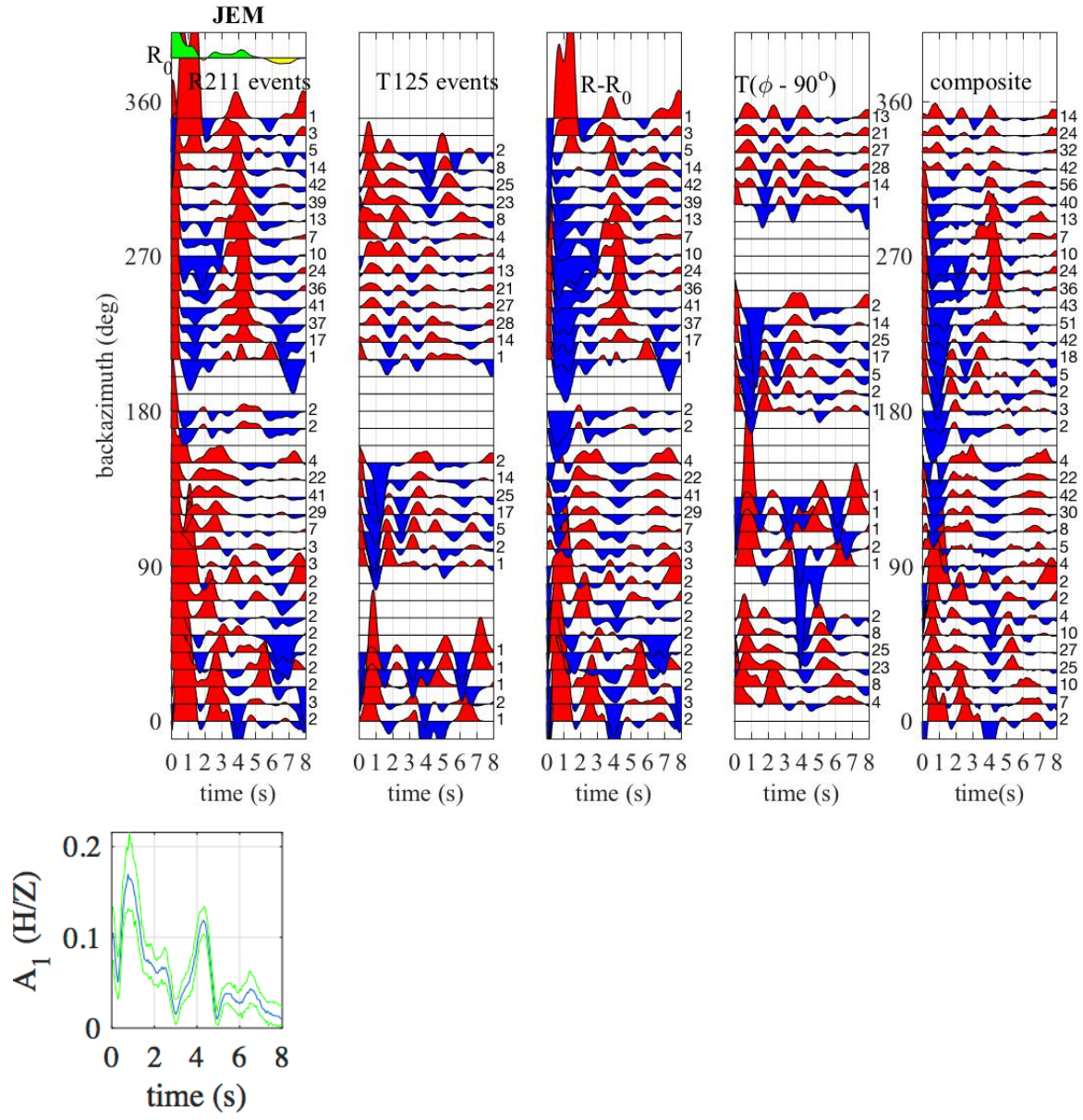


Figure S4 h. As in Fig. 3 in the main text, but for station JEM marked in Fig. 4.

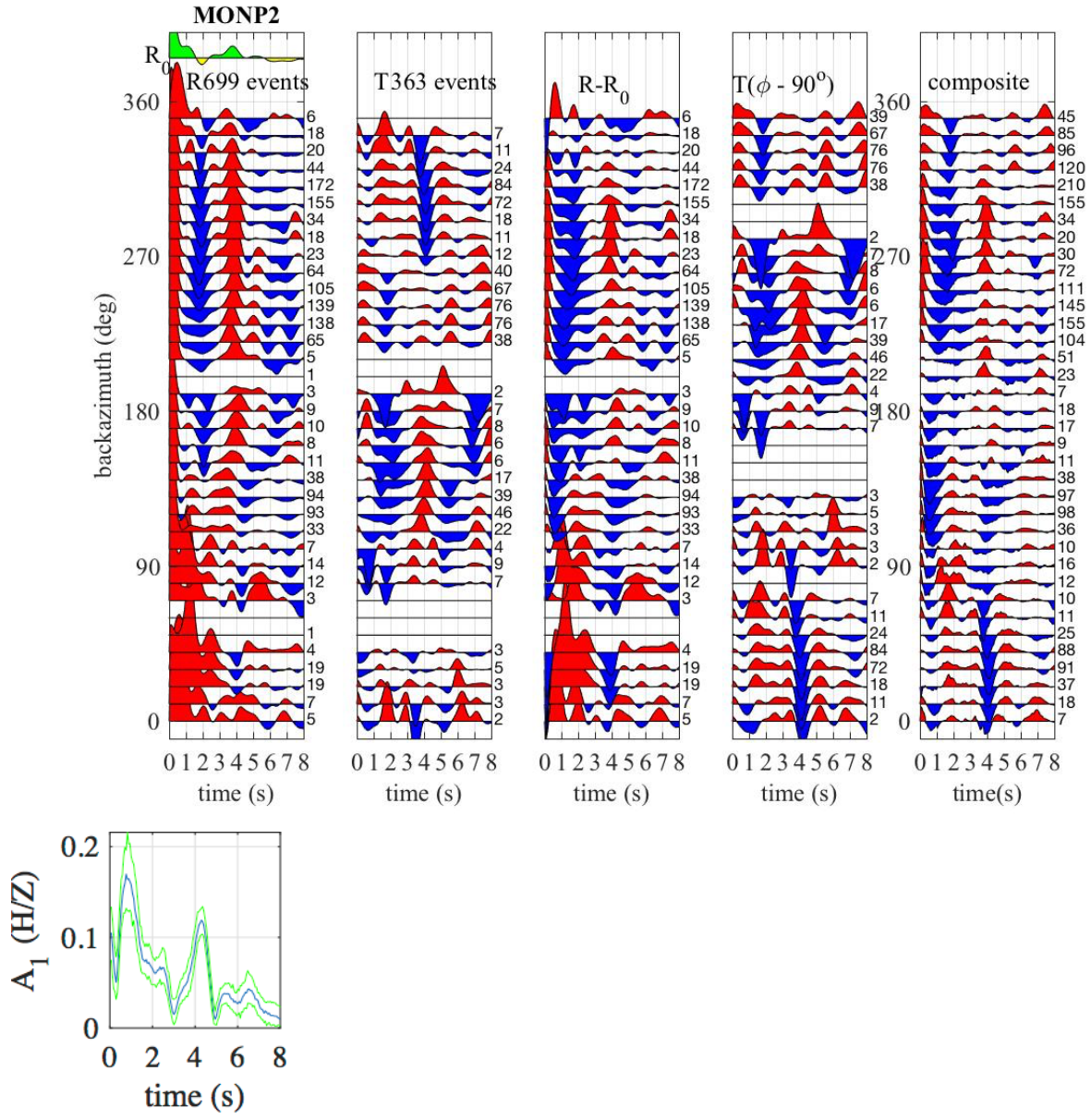


Figure S4 h. As in Fig. 3 in the main text, but for station JEM marked in Fig. 4.

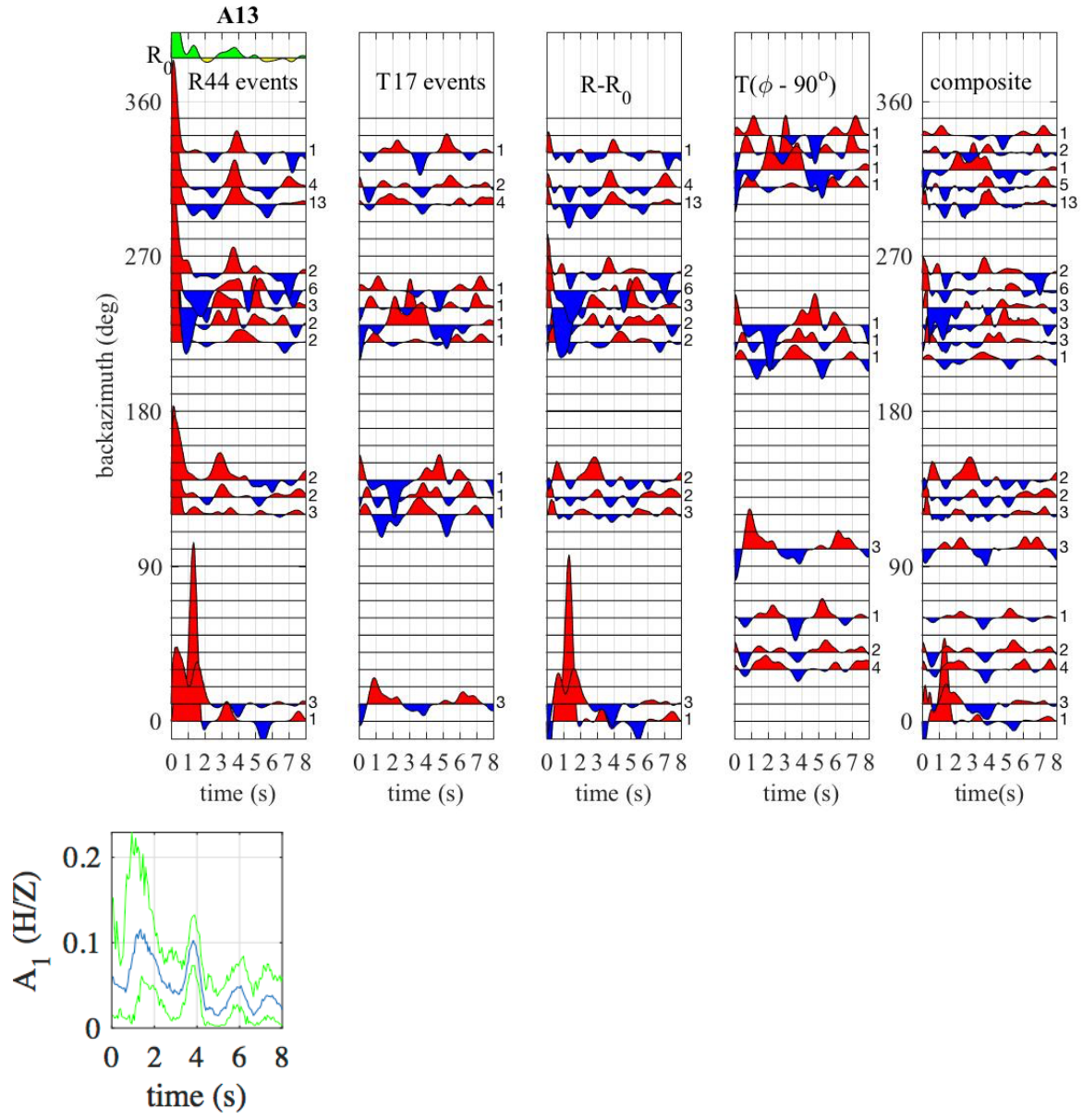


Figure S4 i. As in Fig. 3 in the main text, but for station A13, one of the stations in the Salton Sea temporary dense linear deployment.

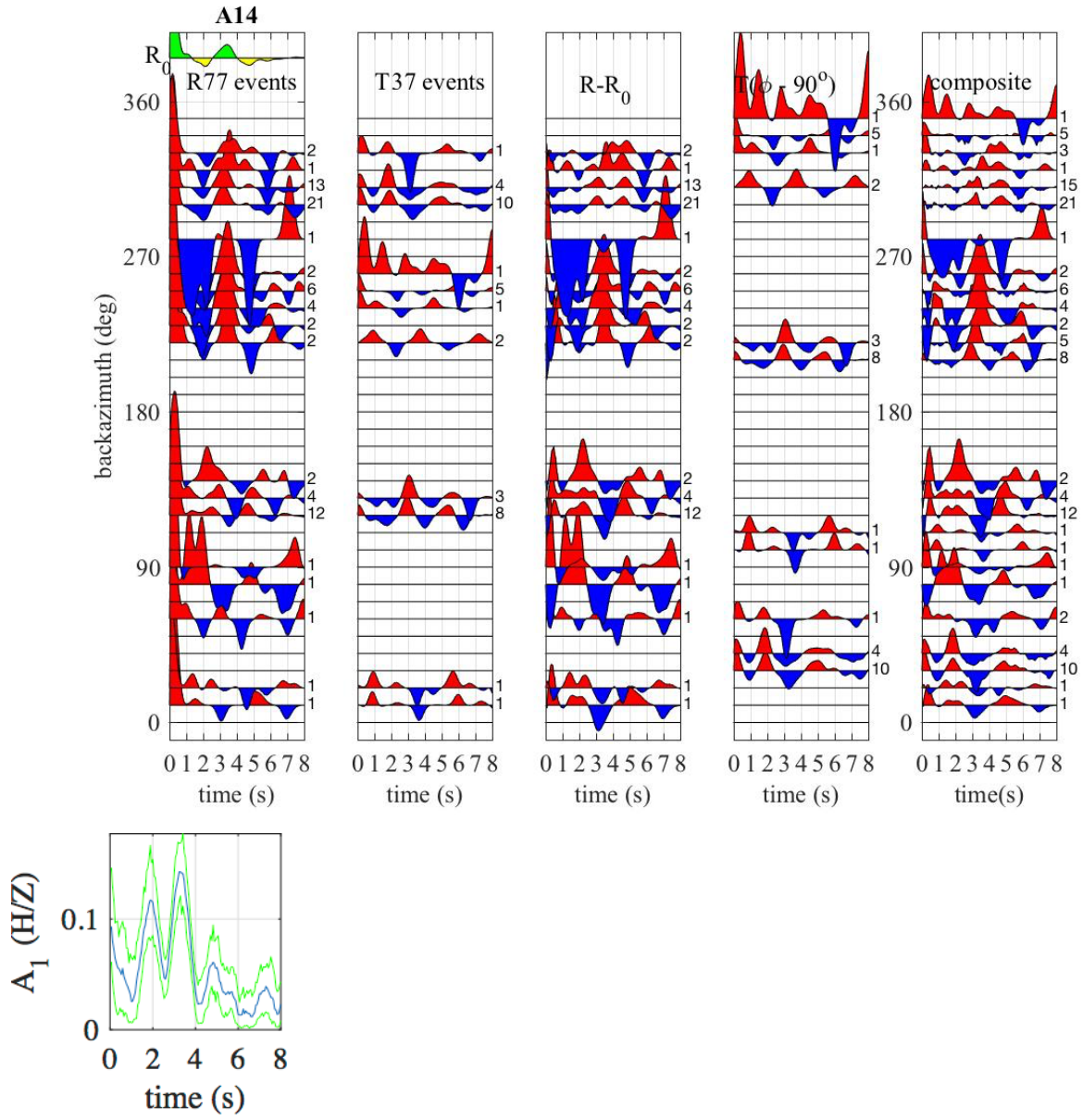


Figure S4 j. As in Fig. 3 in the main text, but for station A14, one of the stations in the Salton Sea temporary dense linear deployment adjacent to station A13 shown in Fig. S4 i, with a maximum A1 arrival with similar strike to that of A13 but different depth.

Table S1. Maximum A1 arrival at each station. Columns are: 1- station code, 2 – station latitude (deg), 3 – station longitude (deg), 4 –A1 arrival time (s), 5 – A1 amplitude (H./Z), 6 – bootstrap uncertainty maximum A1 amplitude, 7 – bootstrap uncertainty A1 minimum amplitude, 8 – A1 phase (= strike + 90, in deg), 8 – bootstrap uncertainty maximum phase, 9 – bootstrap uncertainty minimum phase, 10 – maximum azimuthal gap (deg), 11 – number of traces, 13 – station elevation (m), 14 – A1 depth (km).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|-----|------|------|
| ADO | 34.5505 | -117.4339 | 1.11 | 0.284 | 0.402 | 0.184 | 68.4 | 78.8 | 58.0 | 57.5 | 61 | 908 | 8.0 |
| AGA | 33.6384 | -116.4011 | 4.16 | 0.071 | 0.108 | 0.034 | -148.7 | -137.7 | -159.7 | 41.0 | 103 | 809 | 37.2 |
| ARV | 35.1269 | -118.8301 | 0.76 | 0.609 | 0.643 | 0.586 | -42.7 | -41.4 | -44.0 | 19.0 | 870 | 258 | 3.8 |
| AVM | 35.0656 | -116.6155 | 1.29 | 0.267 | 0.713 | 0.095 | 13.2 | 40.3 | -13.8 | 80.0 | 23 | 709 | 9.1 |
| BAR | 32.6800 | -116.6721 | 0.70 | 0.096 | 0.153 | 0.063 | 42.5 | 50.3 | 34.8 | 35.4 | 136 | 529 | 5.7 |
| BBS | 33.9214 | -116.9806 | 3.11 | 0.283 | 0.398 | 0.195 | 47.7 | 60.5 | 34.8 | 71.5 | 58 | 785 | 24.0 |
| BCC | 33.5751 | -117.2612 | 0.64 | 0.175 | 0.250 | 0.067 | 57.4 | 69.9 | 44.9 | 76.6 | 19 | 391 | 4.2 |
| BOR | 33.2682 | -116.4172 | 2.99 | 0.135 | 0.162 | 0.110 | -104.3 | -99.7 | -109.0 | 38.3 | 143 | 252 | 24.3 |
| BTC | 33.0121 | -115.2199 | 1.11 | 0.344 | 0.505 | 0.270 | -159.0 | -152.2 | -165.8 | 65.0 | 75 | 39 | 0.4 |
| BTP | 34.6822 | -118.5740 | 0.82 | 0.125 | 0.158 | 0.098 | 60.1 | 66.3 | 53.9 | 25.4 | 275 | 1702 | 4.4 |
| CAP | 33.3882 | -117.1949 | 1.93 | 0.094 | 0.163 | 0.051 | 33.2 | 42.4 | 24.1 | 46.2 | 192 | 285 | 17.0 |
| CAR | 35.3082 | -119.8458 | 1.52 | 0.243 | 0.282 | 0.216 | 54.6 | 57.3 | 52.0 | 29.4 | 543 | 765 | 8.5 |
| CHF | 34.3334 | -118.0258 | 1.93 | 0.200 | 0.235 | 0.165 | 17.5 | 21.5 | 13.5 | 16.9 | 249 | 1594 | 14.2 |
| CHN | 33.9988 | -117.6804 | 0.70 | 0.493 | 0.568 | 0.440 | -46.9 | -43.2 | -50.7 | 63.0 | 134 | 208 | 1.6 |
| CLC | 35.8157 | -117.5975 | 1.29 | 0.143 | 0.186 | 0.107 | 41.5 | 46.9 | 36.2 | 28.0 | 221 | 775 | 8.7 |
| CRR | 32.8868 | -115.9692 | 1.17 | 0.232 | 0.288 | 0.188 | 83.0 | 88.8 | 77.2 | 35.1 | 183 | 66 | 8.6 |
| CTC | 33.6552 | -115.9901 | 2.34 | 0.292 | 0.327 | 0.258 | 41.7 | 43.8 | 39.6 | 30.5 | 176 | 538 | 17.8 |
| DEV | 33.9360 | -116.5779 | 0.76 | 0.144 | 0.226 | 0.084 | 2.3 | 17.9 | -13.3 | 52.7 | 108 | 337 | 4.9 |
| DGR | 33.6500 | -117.0095 | 0.64 | 0.108 | 0.150 | 0.076 | 22.2 | 28.0 | 16.4 | 35.3 | 209 | 650 | 4.7 |
| DJJ | 34.1062 | -118.4550 | 1.58 | 0.135 | 0.177 | 0.105 | 178.6 | 183.8 | 173.5 | 51.4 | 129 | 268 | 11.9 |
| DPP | 32.9989 | -116.9419 | 0.12 | 0.086 | 0.159 | 0.036 | -62.5 | -39.5 | -85.5 | 36.5 | 119 | 463 | 0.5 |
| DSN5 | 34.1714 | -118.1852 | 0.82 | 0.134 | 0.191 | 0.088 | 22.9 | 33.6 | 12.3 | 33.4 | 131 | 341 | 5.8 |
| DSN6 | 34.1714 | -118.1852 | 3.34 | 0.134 | 0.162 | 0.106 | -31.8 | -26.6 | -37.0 | 22.4 | 193 | 341 | 28.1 |
| DTP | 35.2674 | -117.8458 | 1.52 | 0.120 | 0.158 | 0.088 | 148.1 | 158.6 | 137.6 | 42.5 | 57 | 908 | 10.4 |
| DZA | 32.6066 | -116.7748 | 1.58 | 0.108 | 0.180 | 0.056 | 30.2 | 46.5 | 14.0 | 75.6 | 24 | 555 | 13.0 |
| EDW | 34.8830 | -117.9911 | 1.76 | 0.446 | 0.968 | 0.036 | 31.5 | 79.2 | -16.3 | 90.0 | 21 | 789 | 12.7 |
| EML | 32.8908 | -116.8457 | 1.46 | 0.119 | 0.171 | 0.088 | 82.2 | 92.4 | 72.0 | 36.3 | 172 | 161 | 13.0 |
| ERR | 33.1167 | -115.8227 | 0.06 | 0.049 | 0.281 | 0.022 | 49.6 | 123.4 | -24.3 | 73.2 | 16 | -56 | 0.1 |
| FOX2 | 34.7339 | -118.2405 | 3.63 | 0.362 | 0.399 | 0.327 | 158.4 | 161.3 | 155.4 | 25.7 | 216 | 720 | 29.3 |
| GATR | 34.5527 | -120.5023 | 0.59 | 0.322 | 0.370 | 0.273 | 139.9 | 146.4 | 133.3 | 34.5 | 171 | 590 | 0.1 |
| GMA | 34.2915 | -116.3826 | 1.70 | 0.118 | 0.157 | 0.080 | 64.1 | 69.7 | 58.5 | 19.8 | 189 | 848 | 13.2 |
| GOR | 33.1537 | -117.2292 | 1.70 | 0.174 | 0.300 | 0.061 | 30.4 | 41.2 | 19.7 | 55.6 | 119 | 138 | 14.8 |
| HDH | 34.7753 | -118.6400 | 0.53 | 0.477 | 0.615 | 0.349 | 17.6 | 23.0 | 12.1 | 63.7 | 31 | 965 | 2.5 |
| HLL | 34.1764 | -118.3597 | 0.23 | 0.428 | 0.939 | 0.267 | -134.9 | -123.2 | -146.6 | 78.1 | 24 | 193 | 0.0 |
| HMT2 | 33.7081 | -117.0015 | 1.11 | 0.093 | 0.118 | 0.065 | 43.4 | 51.9 | 34.8 | 16.6 | 234 | 593 | 8.6 |
| IBP | 32.6612 | -116.0929 | 0.12 | 0.168 | 0.309 | 0.096 | -100.6 | -76.7 | -124.4 | 87.7 | 30 | 879 | -0.1 |

| | | | | | | | | | | | | | |
|------|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|-----|------|------|
| IDO | 33.7968 | -116.2215 | 0.76 | 0.238 | 0.263 | 0.210 | 169.5 | 172.8 | 166.3 | 18.4 | 388 | 469 | 4.0 |
| IKP | 32.6501 | -116.1095 | 3.57 | 0.137 | 0.164 | 0.110 | -96.4 | -90.8 | -102.0 | 43.8 | 95 | 906 | 27.1 |
| IMP | 32.9015 | -115.5607 | 0.23 | 0.441 | 1.091 | 0.029 | -137.6 | -100.3 | -174.8 | 67.8 | 28 | -27 | 0.0 |
| JCS | 33.0859 | -116.5959 | 4.34 | 0.140 | 0.170 | 0.117 | -96.2 | -91.8 | -100.7 | 28.0 | 147 | 1264 | 37.1 |
| JEM | 33.0810 | -116.5975 | 0.82 | 0.171 | 0.203 | 0.136 | 41.4 | 45.7 | 37.0 | 25.6 | 336 | 1308 | 5.6 |
| JRC2 | 35.9825 | -117.8089 | 1.41 | 0.303 | 0.350 | 0.251 | 37.8 | 41.0 | 34.7 | 41.8 | 256 | 1469 | 10.1 |
| JTH | 34.1264 | -116.0378 | 0.41 | 0.281 | 0.340 | 0.212 | 18.8 | 25.2 | 12.4 | 36.4 | 87 | 606 | 2.3 |
| JVA | 34.3662 | -116.6127 | 1.41 | 0.187 | 0.246 | 0.116 | 19.8 | 28.0 | 11.7 | 30.9 | 185 | 904 | 10.9 |
| KYV | 33.9254 | -116.1734 | 1.41 | 0.213 | 0.260 | 0.155 | 30.2 | 33.9 | 26.5 | 27.4 | 148 | 1498 | 9.3 |
| LDF | 35.1307 | -115.1842 | 0.41 | 0.149 | 0.183 | 0.113 | 38.6 | 44.4 | 32.7 | 22.5 | 291 | 1239 | 1.8 |
| LJR | 34.8076 | -118.8678 | 4.75 | 0.153 | 0.169 | 0.133 | -132.7 | -130.2 | -135.3 | 9.7 | 852 | 1443 | 39.6 |
| LKL | 34.6159 | -117.8249 | 3.81 | 0.122 | 0.179 | 0.082 | 175.6 | 183.6 | 167.6 | 50.0 | 49 | 810 | 32.2 |
| LMR2 | 34.9344 | -117.6963 | 2.05 | 0.123 | 0.152 | 0.102 | 32.9 | 36.2 | 29.6 | 37.3 | 267 | 964 | 14.8 |
| LPC | 34.3148 | -117.5464 | 1.58 | 0.212 | 0.234 | 0.182 | 24.3 | 26.8 | 21.7 | 19.9 | 412 | 1351 | 12.1 |
| MGE | 33.8184 | -116.3687 | 1.82 | 0.184 | 0.311 | 0.092 | -131.0 | -115.3 | -146.7 | 52.3 | 69 | 68 | 1.7 |
| MLAC | 37.6302 | -118.8361 | 1.64 | 0.704 | 0.823 | 0.607 | -6.0 | -2.1 | -9.8 | 49.6 | 145 | 2162 | 11.4 |
| MLS | 34.0046 | -117.5616 | 4.34 | 0.134 | 0.169 | 0.099 | -100.3 | -91.9 | -108.6 | 57.6 | 59 | 230 | 38.4 |
| MPI | 34.8126 | -119.1453 | 0.70 | 0.143 | 0.187 | 0.097 | 155.4 | 165.5 | 145.4 | 43.2 | 103 | 2673 | 2.5 |
| MSC | 34.0385 | -116.6479 | 1.64 | 0.146 | 0.173 | 0.119 | 45.9 | 49.7 | 42.1 | 27.8 | 241 | 938 | 12.1 |
| MSJ | 33.8080 | -116.9679 | 1.93 | 0.374 | 0.484 | 0.286 | -2.7 | 6.5 | -11.9 | 78.1 | 71 | 466 | 13.8 |
| MTG | 33.1992 | -116.6473 | 0.64 | 0.149 | 0.203 | 0.109 | -46.4 | -39.9 | -52.9 | 43.9 | 134 | 1092 | 4.1 |
| MTP | 35.4843 | -115.5532 | 4.98 | 0.089 | 0.226 | 0.009 | -129.9 | -101.8 | -158.1 | 60.9 | 53 | 1588 | 42.6 |
| MUR | 33.6000 | -117.1954 | 2.17 | 0.117 | 0.138 | 0.104 | 42.6 | 45.0 | 40.2 | 14.2 | 838 | 562 | 18.1 |
| MWC | 34.2236 | -118.0583 | 2.46 | 0.258 | 0.295 | 0.222 | 25.0 | 27.1 | 22.9 | 31.8 | 219 | 1725 | 18.9 |
| NBS | 34.7803 | -116.5580 | 4.10 | 0.133 | 0.164 | 0.112 | -165.3 | -159.8 | -170.8 | 34.5 | 144 | 590 | 33.8 |
| NCH | 34.2388 | -117.6585 | 6.80 | 0.438 | 0.574 | 0.293 | -137.2 | -130.3 | -144.1 | 61.9 | 27 | 1312 | 62.2 |
| NEE2 | 34.7676 | -114.6188 | 3.34 | 0.085 | 0.093 | 0.075 | -132.4 | -129.6 | -135.1 | 17.3 | 779 | 271 | 26.6 |
| NJQ | 34.5341 | -120.1774 | 0.94 | 0.117 | 0.192 | 0.050 | -12.1 | 5.5 | -29.6 | 46.7 | 100 | 219 | 2.8 |
| NSS2 | 33.5555 | -115.9459 | 0.64 | 0.836 | 0.918 | 0.762 | -134.2 | -132.8 | -135.7 | 16.4 | 449 | 17 | 0.3 |
| OAT | 34.3436 | -118.6144 | 0.59 | 0.506 | 0.561 | 0.445 | -130.3 | -128.1 | -132.4 | 59.8 | 145 | 1089 | 1.3 |
| OLI | 33.9454 | -117.9237 | 0.29 | 0.254 | 0.328 | 0.187 | -31.1 | -21.1 | -41.1 | 32.9 | 86 | 162 | 0.2 |
| OLP | 32.6077 | -116.9302 | 0.76 | 0.109 | 0.161 | 0.062 | 49.3 | 59.3 | 39.3 | 38.3 | 100 | 159 | 6.2 |
| PALA | 33.3890 | -117.0318 | 0.41 | 0.208 | 0.235 | 0.185 | 18.8 | 21.9 | 15.7 | 26.0 | 142 | 552 | 2.4 |
| PAS | 34.1484 | -118.1712 | 0.94 | 0.110 | 0.140 | 0.082 | -15.6 | -7.1 | -24.1 | 25.7 | 199 | 314 | 6.9 |
| PASC | 34.1714 | -118.1852 | 3.34 | 0.103 | 0.117 | 0.091 | -27.5 | -24.5 | -30.5 | 20.6 | 639 | 341 | 28.1 |
| PDE | 34.4420 | -118.5822 | 0.94 | 0.290 | 0.357 | 0.228 | -132.7 | -125.5 | -139.9 | 64.5 | 48 | 328 | 3.9 |
| PDU | 34.1207 | -117.6381 | 0.88 | 0.094 | 0.117 | 0.068 | -21.5 | -12.0 | -31.1 | 21.8 | 262 | 445 | 6.4 |
| PER | 33.8616 | -117.2053 | 1.70 | 0.068 | 0.101 | 0.037 | 68.9 | 85.2 | 52.6 | 36.9 | 106 | 468 | 14.2 |
| PHL | 35.4077 | -120.5456 | 1.11 | 0.090 | 0.124 | 0.063 | 45.5 | 50.8 | 40.1 | 34.6 | 139 | 355 | 6.1 |
| PLC | 33.8244 | -116.5119 | 6.39 | 0.224 | 0.309 | 0.140 | -146.9 | -136.6 | -157.1 | 51.0 | 37 | 130 | 58.9 |
| PLM | 33.3536 | -116.8626 | 2.46 | 0.202 | 0.241 | 0.177 | 17.0 | 20.6 | 13.3 | 27.8 | 267 | 1691 | 19.7 |
| PLS | 33.7953 | -117.6091 | 2.29 | 0.191 | 0.291 | 0.130 | 40.4 | 46.9 | 33.9 | 64.4 | 110 | 1199 | 18.4 |
| PMD | 33.6479 | -116.3777 | 1.29 | 0.059 | 0.131 | 0.016 | -6.0 | 33.4 | -45.4 | 66.4 | 71 | 296 | 10.7 |
| POB2 | 33.6871 | -116.9238 | 0.76 | 0.226 | 0.308 | 0.171 | 42.8 | 47.5 | 38.2 | 21.2 | 104 | 999 | 5.3 |

| | | | | | | | | | | | | | |
|------|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|-----|------|------|
| PSD | 33.8239 | -116.5503 | 3.63 | 0.124 | 0.134 | 0.112 | -101.5 | -98.7 | -104.3 | 14.0 | 554 | 144 | 30.9 |
| PSR | 34.0918 | -117.8071 | 0.41 | 0.152 | 0.171 | 0.137 | -69.1 | -65.4 | -72.8 | 14.1 | 738 | 305 | 2.3 |
| RAG | 34.6829 | -116.1514 | 1.23 | 0.092 | 0.198 | 0.043 | 16.9 | 32.7 | 1.2 | 43.9 | 152 | 722 | 8.4 |
| RHC2 | 34.0009 | -118.0133 | 1.05 | 0.366 | 0.458 | 0.252 | -152.3 | -146.2 | -158.4 | 63.2 | 122 | 362 | 1.9 |
| RIO | 34.1047 | -117.9796 | 1.88 | 0.315 | 0.797 | 0.045 | -88.9 | -61.9 | -116.0 | 73.9 | 22 | 118 | 9.7 |
| RKMO | 33.6742 | -117.6095 | 1.52 | 0.257 | 0.301 | 0.227 | 43.2 | 46.0 | 40.4 | 19.6 | 245 | 408 | 9.9 |
| RPV | 33.7435 | -118.4041 | 2.05 | 0.218 | 0.258 | 0.185 | 50.7 | 55.2 | 46.2 | 36.2 | 188 | 107 | 12.0 |
| RSS | 33.9733 | -117.3267 | 1.52 | 0.136 | 0.227 | 0.074 | 126.0 | 135.9 | 116.2 | 64.8 | 70 | 298 | 12.9 |
| RUN | 32.9722 | -114.9781 | 1.70 | 0.277 | 0.314 | 0.241 | 16.3 | 20.4 | 12.2 | 37.8 | 152 | 116 | 12.9 |
| RUS | 34.0508 | -118.0808 | 1.64 | 0.493 | 0.596 | 0.358 | -130.3 | -126.1 | -134.5 | 64.1 | 46 | 70 | 8.4 |
| RVR | 33.9935 | -117.3755 | 1.88 | 0.080 | 0.123 | 0.054 | 43.5 | 58.1 | 28.9 | 33.7 | 231 | 266 | 16.0 |
| RXH | 33.1831 | -115.6226 | 0.23 | 0.141 | 0.160 | 0.117 | 143.9 | 148.6 | 139.3 | 31.5 | 199 | -59 | 0.1 |
| SAL | 33.2801 | -115.9858 | 0.88 | 0.189 | 0.246 | 0.129 | 47.9 | 56.0 | 39.9 | 38.6 | 113 | 14 | 0.5 |
| SBB2 | 34.6884 | -117.8242 | 1.70 | 0.148 | 0.212 | 0.089 | 44.7 | 53.5 | 36.0 | 38.3 | 117 | 825 | 13.5 |
| SBI | 33.4805 | -119.0299 | 6.50 | 0.158 | 0.184 | 0.131 | 80.9 | 85.8 | 75.9 | 38.5 | 191 | 41 | 58.9 |
| SBPX | 34.2324 | -117.2348 | 2.29 | 0.178 | 0.215 | 0.151 | 45.4 | 50.1 | 40.7 | 33.0 | 219 | 1860 | 16.9 |
| SCI2 | 32.9799 | -118.5470 | 1.58 | 0.226 | 0.279 | 0.175 | 86.0 | 91.5 | 80.5 | 27.0 | 308 | 486 | 11.0 |
| SCZ2 | 33.9954 | -119.6351 | 0.88 | 0.228 | 0.261 | 0.193 | 28.7 | 31.9 | 25.5 | 12.6 | 665 | 440 | -0.1 |
| SDD | 33.5526 | -117.6617 | 6.04 | 0.243 | 0.305 | 0.174 | 26.6 | 32.0 | 21.2 | 44.2 | 131 | 120 | 46.2 |
| SDG | 32.7840 | -117.1380 | 1.99 | 0.168 | 0.251 | 0.086 | 48.3 | 55.8 | 40.8 | 30.8 | 146 | 101 | 16.7 |
| SDR | 32.7356 | -116.9424 | 0.88 | 0.075 | 0.153 | 0.008 | 64.9 | 90.7 | 39.2 | 32.1 | 119 | 113 | 7.5 |
| SES | 34.4369 | -119.1375 | 0.82 | 0.275 | 0.334 | 0.215 | 139.4 | 146.0 | 132.8 | 52.7 | 109 | 480 | 2.3 |
| SGL | 32.6493 | -115.7264 | 0.88 | 0.304 | 0.364 | 0.257 | 81.2 | 84.9 | 77.4 | 23.0 | 279 | 75 | 1.3 |
| SLA | 35.8909 | -117.2833 | 1.29 | 0.154 | 0.179 | 0.122 | 56.7 | 59.8 | 53.6 | 43.6 | 237 | 1174 | 9.3 |
| SLB | 33.4852 | -115.8664 | 0.06 | 0.118 | 0.201 | 0.068 | 68.7 | 83.2 | 54.3 | 36.7 | 336 | 0 | 0.0 |
| SLH | 33.1927 | -116.2540 | 3.34 | 0.190 | 0.229 | 0.154 | -77.2 | -71.4 | -83.0 | 23.3 | 238 | 208 | 27.6 |
| SLR | 33.8336 | -116.7974 | 1.82 | 0.132 | 0.202 | 0.067 | 32.2 | 38.3 | 26.2 | 34.9 | 175 | 1567 | 14.5 |
| SMF2 | 34.0220 | -118.4463 | 4.69 | 0.231 | 0.296 | 0.160 | -6.0 | 2.8 | -14.9 | 47.3 | 43 | 53 | 31.2 |
| SMI | 34.0382 | -120.3513 | 1.41 | 0.154 | 0.253 | 0.074 | -1.3 | 8.7 | -11.4 | 39.6 | 116 | 165 | 3.8 |
| SMR | 35.3770 | -120.6125 | 0.94 | 0.178 | 0.204 | 0.145 | -142.2 | -137.9 | -146.4 | 61.4 | 147 | 341 | 5.0 |
| SMS | 34.0144 | -118.4562 | 1.23 | 0.271 | 0.381 | 0.193 | 8.8 | 21.8 | -4.1 | 86.0 | 37 | 43 | 1.8 |
| SMW | 35.0111 | -120.4100 | 1.35 | 0.136 | 0.189 | 0.096 | 48.1 | 54.9 | 41.3 | 18.2 | 150 | 169 | 8.0 |
| SNO | 34.0351 | -116.8078 | 4.39 | 0.151 | 0.192 | 0.113 | -104.4 | -98.9 | -110.0 | 17.7 | 259 | 2339 | 35.9 |
| SNR | 32.8619 | -115.4360 | 0.06 | 0.172 | 0.642 | 0.046 | 145.4 | 193.2 | 97.7 | 62.6 | 24 | -63 | 0.1 |
| SOF | 33.3705 | -117.5574 | 2.87 | 0.208 | 0.309 | 0.132 | 79.4 | 88.3 | 70.5 | 58.0 | 35 | 10 | 21.1 |
| SPF | 34.0593 | -118.6461 | 0.76 | 0.513 | 0.577 | 0.460 | 146.3 | 149.0 | 143.6 | 35.2 | 237 | 470 | 4.9 |
| SPG | 36.1355 | -118.8110 | 4.92 | 0.080 | 0.104 | 0.062 | -104.4 | -98.0 | -110.8 | 24.7 | 203 | 314 | 42.0 |
| SPG2 | 36.2006 | -118.7662 | 1.88 | 0.109 | 0.181 | 0.058 | 27.3 | 37.5 | 17.2 | 73.0 | 71 | 627 | 15.2 |
| SRI | 33.9787 | -120.0789 | 3.81 | 0.166 | 0.229 | 0.111 | -3.0 | 5.9 | -11.8 | 66.7 | 97 | 392 | 32.5 |
| SRN | 33.8285 | -117.7894 | 4.86 | 0.187 | 0.216 | 0.150 | -138.4 | -133.5 | -143.4 | 40.9 | 170 | 208 | 36.8 |
| SRT | 35.6923 | -117.7505 | 1.00 | 0.353 | 0.405 | 0.297 | -69.4 | -63.8 | -75.0 | 29.5 | 168 | 667 | 7.2 |
| STC | 34.3030 | -119.1868 | 5.86 | 0.299 | 0.617 | 0.084 | 116.2 | 143.4 | 89.0 | 73.9 | 30 | 180 | 47.4 |
| STG | 33.6640 | -117.7686 | 2.46 | 0.179 | 0.212 | 0.146 | 13.3 | 19.6 | 6.9 | 51.1 | 131 | 49 | 12.6 |
| SVD | 34.1065 | -117.0982 | 0.23 | 0.149 | 0.193 | 0.120 | -139.7 | -127.3 | -152.0 | 28.0 | 129 | 605 | 0.9 |

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|------|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|-----|------|------|
| SWP | 32.7918 | -116.0972 | 1.35 | 0.265 | 0.451 | 0.129 | 42.4 | 50.5 | 34.2 | 59.3 | 47 | 265 | 9.9 |
| SYN | 34.6072 | -120.0696 | 0.64 | 0.197 | 0.291 | 0.124 | -12.6 | 2.5 | -27.7 | 59.7 | 100 | 201 | 2.5 |
| SYN | 34.5277 | -119.9783 | 0.70 | 0.209 | 0.287 | 0.154 | 5.5 | 13.8 | -2.8 | 38.0 | 129 | 1278 | 1.6 |
| TA2 | 34.3820 | -117.6782 | 3.46 | 0.267 | 0.300 | 0.230 | 169.4 | 173.1 | 165.7 | 21.6 | 168 | 2249 | 27.1 |
| TEH | 35.2913 | -118.4208 | 2.58 | 0.098 | 0.114 | 0.082 | 38.3 | 43.0 | 33.5 | 26.1 | 276 | 846 | 20.6 |
| TFT | 35.1459 | -119.4195 | 2.05 | 0.175 | 0.417 | 0.044 | 46.9 | 81.1 | 12.7 | 77.0 | 49 | 233 | 11.8 |
| THM | 33.6507 | -116.0773 | 0.64 | 0.452 | 0.650 | 0.282 | -147.6 | -140.4 | -154.7 | 62.9 | 86 | 60 | 0.2 |
| THX | 33.6349 | -116.1640 | 0.06 | 0.188 | 0.390 | 0.042 | -57.2 | -31.5 | -82.8 | 51.9 | 44 | -31 | 0.0 |
| TOR | 33.5753 | -116.2258 | 3.34 | 0.169 | 0.187 | 0.148 | -68.3 | -64.9 | -71.7 | 19.4 | 291 | 4 | 16.6 |
| TOV | 34.1561 | -118.8204 | 1.58 | 0.133 | 0.172 | 0.108 | 1.5 | 8.1 | -5.1 | 33.9 | 181 | 298 | 7.3 |
| TOW2 | 35.8086 | -117.7649 | 1.17 | 0.270 | 0.320 | 0.228 | -142.7 | -138.4 | -146.9 | 36.6 | 123 | 685 | 8.9 |
| TPO | 34.8788 | -118.2286 | 2.93 | 0.103 | 0.133 | 0.078 | -37.3 | -30.2 | -44.4 | 22.2 | 149 | 769 | 22.6 |
| VCS | 34.4837 | -118.1178 | 1.64 | 0.085 | 0.130 | 0.047 | 9.9 | 18.6 | 1.3 | 32.3 | 223 | 992 | 11.8 |
| VOG | 36.3210 | -119.3823 | 5.39 | 0.235 | 0.301 | 0.184 | -135.6 | -131.3 | -140.0 | 55.7 | 157 | 90 | 45.9 |
| VTV | 34.5606 | -117.3296 | 1.23 | 0.146 | 0.221 | 0.096 | 82.9 | 92.5 | 73.2 | 32.7 | 109 | 843 | 9.5 |
| WAS2 | 35.7377 | -118.5574 | 2.64 | 0.103 | 0.121 | 0.083 | 98.3 | 105.2 | 91.4 | 29.2 | 158 | 1828 | 19.6 |
| WBS | 35.5366 | -118.1404 | 5.98 | 0.132 | 0.155 | 0.109 | 115.7 | 120.5 | 110.9 | 42.2 | 241 | 1927 | 52.3 |
| WCS2 | 36.0252 | -117.7653 | 0.94 | 0.295 | 0.328 | 0.255 | -40.1 | -36.9 | -43.3 | 22.6 | 317 | 1143 | 6.0 |
| WES | 32.7590 | -115.7316 | 0.06 | 0.169 | 0.509 | 0.027 | -78.8 | -44.2 | -113.4 | 70.6 | 45 | -8 | 0.0 |
| WGR | 34.5108 | -119.2741 | 0.88 | 0.163 | 0.195 | 0.129 | 169.5 | 175.5 | 163.5 | 45.3 | 192 | 554 | 3.3 |
| WHF | 35.6951 | -118.3518 | 4.51 | 0.132 | 0.166 | 0.102 | -81.3 | -75.1 | -87.6 | 24.5 | 143 | 859 | 36.7 |
| WLH2 | 36.1521 | -118.3132 | 4.98 | 0.180 | 0.205 | 0.164 | -95.5 | -92.4 | -98.7 | 16.6 | 243 | 2672 | 39.4 |
| WMF | 36.1176 | -117.8549 | 1.11 | 0.170 | 0.339 | 0.068 | -43.4 | -23.8 | -62.9 | 74.8 | 16 | 1537 | 6.2 |
| WOR | 35.6956 | -118.2425 | 4.45 | 0.110 | 0.134 | 0.086 | -104.4 | -99.8 | -109.0 | 20.6 | 243 | 795 | 36.7 |
| WRC2 | 35.9479 | -117.6504 | 1.58 | 0.156 | 0.188 | 0.127 | -18.7 | -10.3 | -27.1 | 54.7 | 147 | 943 | 11.8 |
| WSS | 34.1717 | -118.6497 | 1.00 | 0.275 | 0.371 | 0.204 | 105.2 | 116.1 | 94.3 | 52.0 | 50 | 316 | 2.3 |
| WTT2 | 33.9487 | -118.2554 | 3.63 | 0.205 | 0.332 | 0.122 | -100.5 | -93.1 | -107.8 | 57.8 | 38 | 37 | 16.7 |
| WWC | 33.9407 | -116.4088 | 3.75 | 0.106 | 0.133 | 0.077 | -60.4 | -55.9 | -65.0 | 38.1 | 134 | 619 | 29.6 |
| WWF | 33.2788 | -115.5789 | 0.41 | 0.130 | 0.293 | 0.031 | -94.4 | -61.8 | -127.1 | 54.6 | 89 | -61 | 0.1 |
| YUH2 | 32.6475 | -115.9223 | 0.70 | 0.148 | 0.220 | 0.091 | 60.2 | 67.0 | 53.4 | 17.7 | 94 | 184 | 4.5 |
| 112A | 32.5356 | -114.5804 | 5.16 | 0.216 | 0.239 | 0.189 | 27.1 | 29.7 | 24.5 | 40.2 | 237 | 87 | 43.5 |
| PFO | 33.6060 | -116.4544 | 1.05 | 0.076 | 0.111 | 0.041 | 33.9 | 40.5 | 27.3 | 34.6 | 79 | 1275 | 7.9 |
| TFRD | 33.4948 | -116.6022 | 2.64 | 0.105 | 0.140 | 0.072 | -136.8 | -126.7 | -146.8 | 83.1 | 22 | 1000 | 20.6 |
| TPFO | 33.6060 | -116.4544 | 1.05 | 0.083 | 0.111 | 0.060 | 37.4 | 42.7 | 32.0 | 18.0 | 161 | 1275 | 7.9 |
| V03C | 36.0214 | -121.2356 | 3.22 | 0.316 | 0.350 | 0.283 | -128.4 | -126.6 | -130.2 | 34.2 | 188 | 336 | 25.2 |
| V04C | 35.6360 | -120.8699 | 1.41 | 0.241 | 0.281 | 0.210 | 29.7 | 32.5 | 26.9 | 34.9 | 267 | 431 | 8.0 |
| V05C | 35.8667 | -119.9028 | 0.64 | 0.286 | 0.867 | 0.041 | 62.6 | 113.1 | 12.2 | 67.9 | 11 | 118 | 3.8 |
| V11A | 35.8384 | -115.4305 | 1.17 | 0.137 | 0.155 | 0.122 | 53.8 | 57.7 | 49.8 | 21.2 | 366 | 1117 | 7.8 |
| V12A | 35.7266 | -114.8511 | 2.34 | 0.074 | 0.088 | 0.063 | -45.3 | -39.3 | -51.3 | 25.1 | 272 | 1098 | 17.4 |
| W12A | 35.3010 | -114.8701 | 3.63 | 0.153 | 0.169 | 0.131 | 125.4 | 128.2 | 122.6 | 11.9 | 457 | 775 | 28.6 |
| Y12C | 33.7503 | -114.5238 | 1.35 | 0.075 | 0.085 | 0.067 | 124.4 | 128.4 | 120.4 | 13.8 | 907 | 196 | 10.0 |
| BAK | 35.3444 | -119.1044 | 3.93 | 0.244 | 0.315 | 0.150 | 18.7 | 24.5 | 12.9 | 71.5 | 43 | 116 | 29.1 |
| BBR | 34.2623 | -116.9208 | 0.53 | 0.157 | 0.172 | 0.143 | -28.0 | -25.9 | -30.2 | 15.2 | 744 | 2069 | 2.1 |
| BC3 | 33.6552 | -115.4537 | 1.88 | 0.079 | 0.095 | 0.065 | 98.6 | 103.4 | 93.8 | 28.0 | 471 | 1137 | 13.5 |

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|------|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|------|------|------|
| BEL | 34.0006 | -115.9982 | 1.64 | 0.101 | 0.113 | 0.091 | 109.1 | 112.2 | 106.1 | 14.1 | 634 | 1388 | 11.4 |
| BFS | 34.2388 | -117.6585 | 2.81 | 0.133 | 0.143 | 0.125 | 66.0 | 68.1 | 64.0 | 14.1 | 636 | 1312 | 23.0 |
| CIA | 33.4019 | -118.4150 | 1.58 | 0.137 | 0.160 | 0.116 | 39.4 | 43.9 | 35.0 | 13.9 | 355 | 477 | 10.7 |
| DAN | 34.6375 | -115.3811 | 4.04 | 0.133 | 0.148 | 0.120 | 113.9 | 117.7 | 110.1 | 14.5 | 583 | 428 | 33.2 |
| DEC | 34.2535 | -118.3338 | 2.29 | 0.194 | 0.213 | 0.174 | 13.5 | 15.8 | 11.3 | 16.5 | 538 | 519 | 18.2 |
| DVT | 32.6591 | -116.1006 | 3.52 | 0.123 | 0.140 | 0.106 | -90.9 | -85.5 | -96.4 | 24.4 | 239 | 881 | 26.7 |
| EDW2 | 34.8811 | -117.9939 | 1.82 | 0.113 | 0.126 | 0.098 | -0.6 | 2.3 | -3.5 | 24.4 | 650 | 772 | 13.2 |
| FMP | 33.7126 | -118.2938 | 1.35 | 0.459 | 0.495 | 0.432 | 61.2 | 62.8 | 59.5 | 35.7 | 466 | 89 | 9.0 |
| GLA | 33.0515 | -114.8271 | 1.23 | 0.109 | 0.125 | 0.095 | 43.5 | 45.6 | 41.3 | 14.1 | 689 | 1169 | 9.5 |
| GMR | 34.7846 | -115.6599 | 1.58 | 0.051 | 0.066 | 0.037 | 39.4 | 46.1 | 32.7 | 20.3 | 423 | 1326 | 10.9 |
| GSC | 35.3018 | -116.8057 | 0.47 | 0.149 | 0.165 | 0.138 | 99.6 | 102.9 | 96.3 | 14.6 | 567 | 1000 | 2.4 |
| HEC | 34.8294 | -116.3350 | 3.75 | 0.122 | 0.130 | 0.112 | -99.6 | -97.1 | -102.1 | 14.7 | 716 | 920 | 29.3 |
| ISA | 35.6628 | -118.4740 | 6.56 | 0.067 | 0.074 | 0.061 | 87.3 | 89.8 | 84.8 | 15.1 | 647 | 873 | 56.8 |
| LGU | 34.1082 | -119.0659 | 0.29 | 0.138 | 0.158 | 0.114 | -25.2 | -19.8 | -30.6 | 25.2 | 335 | 416 | 0.1 |
| LRL | 35.4795 | -117.6821 | 3.11 | 0.076 | 0.089 | 0.063 | -5.3 | -1.2 | -9.5 | 21.7 | 598 | 1340 | 24.1 |
| MPM | 36.0580 | -117.4890 | 3.52 | 0.082 | 0.095 | 0.071 | 166.0 | 169.5 | 162.6 | 11.0 | 808 | 1839 | 25.8 |
| MPP | 34.8885 | -119.8136 | 0.82 | 0.307 | 0.336 | 0.282 | 36.9 | 38.2 | 35.5 | 14.7 | 524 | 1739 | 4.1 |
| NEE | 34.8249 | -114.5994 | 3.46 | 0.067 | 0.083 | 0.055 | -139.1 | -133.0 | -145.2 | 15.0 | 559 | 170 | 27.9 |
| PKD | 35.9452 | -120.5416 | 2.58 | 0.296 | 0.314 | 0.272 | 53.1 | 55.3 | 50.9 | 32.7 | 244 | 583 | 15.0 |
| RCT | 36.3052 | -119.2438 | 3.46 | 0.272 | 0.288 | 0.256 | 62.2 | 63.7 | 60.7 | 11.3 | 743 | 107 | 28.8 |
| RRX | 34.8753 | -116.9968 | 4.51 | 0.221 | 0.241 | 0.205 | -134.0 | -132.1 | -135.8 | 10.2 | 544 | 676 | 37.4 |
| SBC | 34.4408 | -119.7149 | 0.47 | 0.205 | 0.230 | 0.174 | 3.8 | 7.7 | -0.0 | 32.1 | 221 | 94 | 0.2 |
| SDP | 34.5655 | -120.5014 | 0.88 | 0.258 | 0.357 | 0.179 | 126.5 | 132.8 | 120.2 | 70.0 | 48 | 631 | 0.6 |
| SHO | 35.8995 | -116.2753 | 2.64 | 0.198 | 0.209 | 0.188 | 67.3 | 69.2 | 65.4 | 14.9 | 880 | 451 | 19.8 |
| SMM | 35.3142 | -119.9958 | 5.27 | 0.228 | 0.254 | 0.206 | -134.4 | -132.3 | -136.5 | 22.3 | 448 | 599 | 43.4 |
| SWS | 32.9451 | -115.7999 | 0.53 | 0.343 | 0.369 | 0.313 | -141.8 | -139.6 | -144.0 | 14.7 | 416 | 140 | 0.0 |
| TUQ | 35.4358 | -115.9239 | 1.41 | 0.096 | 0.109 | 0.084 | 28.1 | 30.8 | 25.3 | 14.1 | 701 | 1350 | 9.4 |
| USC | 34.0192 | -118.2863 | 1.58 | 0.362 | 0.443 | 0.271 | -153.2 | -146.6 | -159.9 | 78.0 | 36 | 58 | 2.2 |
| VES | 35.8409 | -119.0847 | 3.16 | 0.268 | 0.297 | 0.242 | 58.4 | 61.0 | 55.8 | 20.0 | 432 | 154 | 27.1 |
| CWC | 36.4399 | -118.0802 | 0.64 | 0.106 | 0.123 | 0.098 | 36.8 | 39.9 | 33.8 | 21.7 | 362 | 1595 | 3.9 |
| FUR | 36.4670 | -116.8632 | 0.06 | 0.087 | 0.101 | 0.060 | -111.8 | -106.5 | -117.2 | 15.1 | 665 | -37 | 0.0 |
| GRA | 36.9961 | -117.3662 | 2.99 | 0.219 | 0.253 | 0.227 | -129.0 | -127.5 | -130.4 | 27.1 | 583 | 689 | 24.4 |
| IRM | 34.1574 | -115.1451 | 0.59 | 0.089 | 0.100 | 0.075 | 73.9 | 78.6 | 69.2 | 13.0 | 568 | 567 | 3.7 |
| JCS | 33.0859 | -116.5959 | 0.88 | 0.151 | 0.192 | 0.099 | 9.5 | 16.4 | 2.6 | 66.7 | 57 | 1264 | 6.2 |
| KCC | 37.3236 | -119.3187 | 7.09 | 0.086 | 0.098 | 0.078 | 51.7 | 55.1 | 48.4 | 19.6 | 326 | 888 | 65.7 |
| MLAC | 37.6302 | -118.8361 | 1.82 | 0.790 | 0.760 | 0.483 | -21.4 | -14.9 | -28.0 | 77.5 | 66 | 2162 | 13.0 |
| OSI | 34.6145 | -118.7235 | 0.59 | 0.116 | 0.134 | 0.105 | 97.0 | 100.6 | 93.4 | 25.5 | 481 | 718 | 3.7 |
| PACP | 37.0080 | -121.2870 | 2.93 | 0.163 | 0.182 | 0.138 | 67.5 | 72.0 | 63.0 | 39.7 | 297 | 844 | 22.9 |
| TIN | 37.0542 | -118.2301 | 3.40 | 0.267 | 0.280 | 0.250 | 83.9 | 85.7 | 82.2 | 13.3 | 681 | 1197 | 27.9 |
| TPNV | 36.9488 | -116.2495 | 5.27 | 0.166 | 0.193 | 0.158 | -45.6 | -42.5 | -48.7 | 21.7 | 302 | 1600 | 46.8 |
| ASBS | 33.6208 | -116.4664 | 1.52 | 0.073 | 0.124 | 0.037 | 17.8 | 29.9 | 5.7 | 39.9 | 82 | 1400 | 12.0 |
| BZN | 33.4915 | -116.6670 | 3.98 | 0.114 | 0.122 | 0.107 | -87.5 | -85.3 | -89.7 | 6.3 | 1401 | 1301 | 32.2 |
| CPE | 32.8889 | -117.1051 | 0.47 | 0.117 | 0.128 | 0.105 | -71.1 | -67.2 | -75.0 | 13.9 | 840 | 150 | 3.5 |
| CRY | 33.5654 | -116.7373 | 0.76 | 0.117 | 0.128 | 0.107 | 32.7 | 35.0 | 30.4 | 9.7 | 2147 | 1128 | 5.0 |

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|-------|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|------|------|------|
| ELKS | 33.5813 | -116.4496 | 3.34 | 0.072 | 0.119 | 0.037 | -126.0 | -119.8 | -132.2 | 37.5 | 155 | 1169 | 27.7 |
| FLV2 | 32.9114 | -117.0619 | 9.02 | 0.083 | 0.314 | 0.033 | -60.6 | -14.9 | -106.3 | 90.0 | 13 | 278 | 87.2 |
| FRD | 33.4947 | -116.6022 | 1.70 | 0.113 | 0.125 | 0.101 | 32.9 | 34.9 | 30.9 | 5.6 | 1850 | 1164 | 12.9 |
| GLA | 33.6014 | -116.4781 | 1.11 | 0.130 | 0.189 | 0.078 | 26.7 | 35.1 | 18.3 | 29.3 | 121 | 1169 | 8.4 |
| GLAC | 33.6014 | -116.4781 | 1.00 | 0.112 | 0.204 | 0.065 | 14.6 | 25.7 | 3.5 | 32.2 | 86 | 1169 | 7.5 |
| HWB | 33.0262 | -116.9596 | 1.76 | 0.101 | 0.132 | 0.080 | 61.4 | 68.8 | 53.9 | 17.6 | 445 | 478 | 15.4 |
| KNW | 33.7141 | -116.7119 | 3.98 | 0.100 | 0.107 | 0.093 | -40.3 | -38.2 | -42.4 | 5.7 | 1835 | 1507 | 33.4 |
| LVA2 | 33.3516 | -116.5615 | 0.70 | 0.128 | 0.142 | 0.113 | 48.0 | 51.2 | 44.8 | 7.1 | 1824 | 1435 | 4.1 |
| MONP | 32.8927 | -116.4225 | 1.70 | 0.133 | 0.142 | 0.123 | 88.1 | 91.2 | 85.0 | 6.2 | 1683 | 1920 | 12.9 |
| MONP2 | 32.8920 | -116.4223 | 1.70 | 0.134 | 0.149 | 0.122 | 87.6 | 91.0 | 84.33 | 9.1 | 1062 | 1875 | 12.9 |
| PFO | 33.6117 | -116.4594 | 1.05 | 0.089 | 0.099 | 0.077 | 40.2 | 42.7 | 37.6 | 4.8 | 1575 | 1275 | 7.9 |
| RDM | 33.6300 | -116.8478 | 0.70 | 0.157 | 0.168 | 0.149 | 32.7 | 34.2 | 31.2 | 4.8 | 2072 | 1365 | 4.5 |
| SCI2 | 32.9150 | -118.4879 | 1.05 | 0.192 | 0.237 | 0.123 | -129.2 | -121.7 | -136.6 | 32.5 | 308 | 486 | 6.9 |
| SCV1 | 33.6118 | -116.4597 | 1.00 | 0.128 | 0.215 | 0.066 | 69.7 | 81.6 | 57.8 | 44.3 | 79 | 1268 | 7.5 |
| SCV2 | 33.6118 | -116.4597 | 0.94 | 0.107 | 0.163 | 0.060 | 61.4 | 74.7 | 48.1 | 44.3 | 82 | 1268 | 6.9 |
| SHUM | 33.6327 | -116.4445 | 3.87 | 0.086 | 0.114 | 0.056 | -97.6 | -88.1 | -107.1 | 55.4 | 73 | 1195 | 33.5 |
| SIO5 | 32.8407 | -117.2497 | 0.82 | 0.232 | 0.294 | 0.184 | -104.3 | -93.7 | -114.9 | 82.6 | 26 | 217 | 5.9 |
| SMER | 33.4577 | -117.1708 | 2.17 | 0.139 | 0.157 | 0.127 | 50.2 | 52.6 | 47.8 | 13.7 | 1143 | 356 | 18.7 |
| SMTC | 32.9449 | -115.7999 | 0.47 | 0.761 | 1.015 | 0.466 | -166.9 | -159.1 | -174.7 | 68.6 | 49 | 100 | 0.1 |
| SND | 33.5519 | -116.6129 | 0.64 | 0.187 | 0.200 | 0.178 | -60.0 | -57.9 | -62.0 | 10.0 | 1824 | 1358 | 3.7 |
| SOL | 32.8410 | -117.2480 | 1.70 | 0.270 | 0.283 | 0.258 | 23.2 | 24.4 | 22.0 | 4.7 | 2153 | 245 | 13.6 |
| STS2 | 33.6118 | -116.4597 | 0.47 | 0.093 | 0.129 | 0.057 | 47.8 | 58.5 | 37.1 | 35.1 | 93 | 1268 | 2.7 |
| TRIL | 33.6118 | -116.4597 | 1.35 | 0.131 | 0.618 | 0.022 | 123.8 | 157.1 | 90.5 | 57.0 | 11 | 1268 | 10.6 |
| TRO | 33.5234 | -116.4257 | 0.59 | 0.210 | 0.219 | 0.199 | 30.5 | 31.9 | 29.1 | 5.0 | 1719 | 2628 | 2.3 |
| WMC | 33.5736 | -116.6747 | 2.87 | 0.143 | 0.154 | 0.131 | -145.5 | -144.3 | -146.8 | 7.8 | 1663 | 1271 | 22.0 |
| YAQ | 33.1666 | -116.3539 | 3.11 | 0.108 | 0.123 | 0.088 | -99.3 | -94.4 | -104.2 | 14.1 | 348 | 430 | 25.3 |
| A01 | 32.5780 | -116.9214 | 1.17 | 0.153 | 0.262 | 0.036 | 62.8 | 76.9 | 48.6 | 63.8 | 95 | 194 | 9.4 |
| A02 | 32.5779 | -116.8472 | 1.76 | 0.190 | 0.336 | 0.065 | 84.1 | 103.6 | 64.6 | 39.2 | 70 | 897 | 13.8 |
| A03 | 32.5693 | -116.7741 | 0.64 | 0.120 | 0.201 | 0.048 | 27.5 | 36.0 | 19.0 | 73.3 | 106 | 133 | 5.1 |
| A04 | 32.5749 | -116.7101 | 1.99 | 0.093 | 0.140 | 0.045 | 59.2 | 73.0 | 45.4 | 61.6 | 114 | 665 | 15.9 |
| A05 | 32.5918 | -116.6595 | 1.70 | 0.075 | 0.107 | 0.041 | 64.8 | 78.1 | 51.4 | 44.1 | 131 | 500 | 13.6 |
| A06 | 32.6060 | -116.6090 | 1.58 | 0.146 | 0.216 | 0.085 | 37.2 | 44.5 | 29.8 | 64.7 | 123 | 708 | 12.4 |
| A07 | 32.6330 | -116.5561 | 1.76 | 0.132 | 0.193 | 0.096 | 66.0 | 77.4 | 54.6 | 66.6 | 114 | 925 | 13.9 |
| A07A | 32.6183 | -116.5713 | 1.70 | 0.122 | 0.172 | 0.085 | 56.2 | 70.1 | 42.3 | 70.8 | 70 | 878 | 13.4 |
| A08 | 32.6290 | -116.4688 | 1.41 | 0.150 | 0.255 | 0.074 | 64.0 | 76.2 | 51.8 | 80.9 | 84 | 793 | 10.8 |
| A09 | 32.6563 | -116.4201 | 1.41 | 0.094 | 0.117 | 0.074 | 63.3 | 71.7 | 54.9 | 40.8 | 154 | 923 | 10.7 |
| A10 | 32.6645 | -116.3386 | 0.12 | 0.158 | 0.308 | 0.044 | -109.3 | -85.7 | -132.9 | 69.9 | 80 | 1091 | -0.2 |
| A11 | 32.6712 | -116.3028 | 4.51 | 0.117 | 0.147 | 0.093 | -111.1 | -105.7 | -116.6 | 40.7 | 150 | 1138 | 37.1 |
| A12 | 32.6861 | -116.2562 | 1.35 | 0.122 | 0.170 | 0.084 | 71.0 | 81.0 | 60.9 | 37.2 | 138 | 1036 | 9.9 |
| A13 | 32.6564 | -116.1870 | 1.29 | 0.110 | 0.189 | 0.057 | 54.0 | 73.5 | 34.5 | 65.8 | 61 | 821 | 9.4 |
| A14 | 32.7101 | -116.1247 | 3.34 | 0.140 | 0.164 | 0.107 | -106.7 | -100.5 | -112.8 | 68.6 | 114 | 520 | 25.1 |
| A15 | 32.7392 | -116.0446 | 0.35 | 0.247 | 0.294 | 0.200 | 38.4 | 42.2 | 34.6 | 31.9 | 211 | 225 | 2.0 |
| A16 | 32.7497 | -116.0120 | 4.16 | 0.209 | 0.323 | 0.129 | -129.4 | -119.2 | -139.7 | 51.9 | 71 | 135 | 32.8 |
| A17 | 32.7695 | -115.9339 | 3.40 | 0.183 | 0.226 | 0.145 | -43.7 | -37.7 | -49.7 | 49.1 | 173 | 80 | 26.3 |

| | | | | | | | | | | | | | |
|------|---------|-----------|-------|-------|-------|-------|--------|--------|--------|------|-----|------|------|
| A18 | 32.7908 | -115.8649 | 1.05 | 0.256 | 0.296 | 0.220 | 117.9 | 122.8 | 112.9 | 31.2 | 206 | 34 | 2.7 |
| A19 | 32.8162 | -115.7915 | 0.06 | 0.082 | 0.154 | 0.033 | -100.5 | -77.6 | -123.5 | 45.2 | 136 | -2 | 0.0 |
| A20 | 32.8203 | -115.7451 | 0.35 | 0.135 | 0.219 | 0.062 | -79.7 | -65.8 | -93.6 | 64.9 | 67 | -20 | 0.0 |
| A26 | 32.9458 | -115.4065 | 0.06 | 0.057 | 0.379 | 0.013 | -117.2 | -51.9 | -182.5 | 75.0 | 35 | -25 | 0.0 |
| A26A | 32.9520 | -115.3977 | 0.47 | 0.031 | 0.099 | 0.015 | 62.5 | 118.7 | 6.3 | 75.0 | 30 | -26 | 0.0 |
| A29 | 32.9628 | -115.2304 | 1.41 | 0.299 | 0.488 | 0.193 | -145.1 | -133.5 | -156.7 | 85.2 | 48 | 22 | 0.4 |
| A30 | 32.9731 | -115.1731 | 1.00 | 0.329 | 0.441 | 0.233 | -148.3 | -135.8 | -160.9 | 64.8 | 65 | 63 | 0.3 |
| A32 | 32.9954 | -115.0719 | 1.52 | 0.456 | 0.489 | 0.421 | 20.1 | 21.8 | 18.4 | 52.2 | 266 | 47 | 5.3 |
| A33 | 33.0245 | -115.0346 | 1.46 | 0.136 | 0.188 | 0.092 | 30.6 | 37.3 | 23.8 | 68.4 | 216 | 150 | 10.7 |
| A34 | 33.0498 | -114.9879 | 1.46 | 0.093 | 0.157 | 0.039 | 67.8 | 78.0 | 57.6 | 74.1 | 186 | 211 | 10.7 |
| A35 | 33.0843 | -114.9342 | 1.64 | 0.078 | 0.144 | 0.037 | 64.9 | 78.7 | 51.2 | 68.5 | 184 | 307 | 12.1 |
| A36 | 33.1191 | -114.8792 | 1.58 | 0.094 | 0.128 | 0.068 | 74.5 | 83.5 | 65.4 | 31.8 | 242 | 330 | 11.6 |
| A38 | 33.1643 | -114.8137 | 2.99 | 0.121 | 0.153 | 0.095 | 25.8 | 30.5 | 21.2 | 44.2 | 262 | 257 | 23.5 |
| A39 | 33.2211 | -114.7636 | 0.53 | 0.109 | 0.134 | 0.088 | 26.9 | 33.4 | 20.3 | 21.0 | 256 | 167 | 3.6 |
| A40 | 33.2457 | -114.7157 | 0.35 | 0.163 | 0.192 | 0.129 | -3.9 | 1.2 | -9.1 | 52.0 | 309 | 89 | 2.3 |
| B01 | 32.7444 | -115.3008 | 12.54 | 0.271 | 1.052 | 0.022 | 24.5 | 57.6 | -8.5 | 88.5 | 13 | 2 | 88.5 |
| B02 | 32.9798 | -115.4808 | 0.18 | 0.255 | 1.171 | 0.043 | -94.4 | -54.3 | -134.4 | 77.9 | 12 | -42 | 0.0 |
| M01 | 32.1731 | -116.7064 | 1.64 | 0.178 | 0.298 | 0.082 | 49.4 | 69.1 | 29.6 | 78.2 | 42 | 266 | 12.3 |
| M02 | 32.2469 | -116.0042 | 0.12 | 0.425 | 0.620 | 0.295 | -141.1 | -124.2 | -158.1 | 76.7 | 69 | 1513 | -0.7 |
| N01 | 33.5477 | -114.9121 | 0.47 | 0.456 | 0.550 | 0.380 | -22.9 | -15.3 | -30.6 | 64.8 | 105 | 145 | 3.2 |
| S01 | 32.7721 | -114.3323 | 1.23 | 0.184 | 0.237 | 0.138 | 42.6 | 48.9 | 36.3 | 61.4 | 94 | 58 | 8.9 |
| 002 | 34.0552 | -118.5819 | 1.88 | 0.394 | 0.545 | 0.312 | 39.2 | 44.5 | 33.9 | 56.0 | 25 | 53 | 12.8 |
| 003 | 34.0577 | -118.5838 | 0.76 | 0.434 | 0.652 | 0.269 | 177.1 | 189.0 | 165.3 | 79.9 | 15 | 61 | 3.7 |
| 006 | 34.0894 | -118.5900 | 0.41 | 0.343 | 0.455 | 0.233 | -9.7 | 1.8 | -21.1 | 88.6 | 15 | 396 | 1.3 |
| 007 | 34.0977 | -118.5990 | 0.70 | 0.399 | 0.512 | 0.283 | 31.6 | 37.3 | 25.8 | 64.7 | 18 | 268 | 2.6 |
| 008 | 34.1047 | -118.5899 | 2.81 | 0.313 | 0.502 | 0.220 | 37.4 | 51.3 | 23.6 | 80.6 | 18 | 312 | 22.1 |
| 010 | 34.1246 | -118.5894 | 0.64 | 0.308 | 0.423 | 0.211 | -4.2 | 6.3 | -14.7 | 90.0 | 13 | 369 | 2.5 |
| 012 | 34.1417 | -118.5564 | 0.41 | 0.313 | 0.367 | 0.252 | -21.8 | -16.7 | -26.9 | 75.4 | 40 | 340 | 0.7 |
| 014 | 34.1588 | -118.5537 | 0.47 | 0.355 | 0.640 | 0.171 | -22.0 | 0.5 | -44.5 | 90.0 | 14 | 297 | 0.6 |
| 025 | 34.2583 | -118.5466 | 0.70 | 0.307 | 0.440 | 0.181 | 71.1 | 85.2 | 57.0 | 84.6 | 15 | 295 | 1.2 |
| 027 | 34.2760 | -118.5434 | 1.23 | 0.258 | 0.607 | 0.112 | 25.5 | 43.1 | 7.9 | 88.6 | 10 | 378 | 4.4 |
| 046 | 34.4477 | -118.5322 | 1.29 | 0.276 | 0.562 | 0.187 | -87.0 | -69.1 | -104.9 | 75.6 | 15 | 395 | 8.6 |
| 048 | 34.4666 | -118.5305 | 6.80 | 0.312 | 0.484 | 0.188 | 48.0 | 61.9 | 34.1 | 88.6 | 14 | 450 | 62.0 |
| 051 | 34.4924 | -118.5407 | 0.64 | 0.431 | 0.712 | 0.193 | -131.2 | -119.0 | -143.5 | 88.6 | 14 | 412 | 4.1 |
| 054 | 34.5235 | -118.5316 | 2.70 | 0.194 | 0.270 | 0.110 | 42.3 | 52.0 | 32.5 | 64.9 | 43 | 445 | 21.3 |
| 055 | 34.5321 | -118.5282 | 2.87 | 0.136 | 0.186 | 0.089 | -31.2 | -21.0 | -41.5 | 41.3 | 71 | 482 | 23.1 |
| 058 | 34.5570 | -118.4991 | 0.23 | 0.169 | 0.296 | 0.075 | -20.6 | -7.8 | -33.4 | 79.0 | 23 | 543 | 1.1 |
| 060 | 34.5700 | -118.4643 | 0.47 | 0.275 | 0.362 | 0.196 | -11.2 | -4.3 | -18.1 | 68.7 | 41 | 590 | 3.0 |
| 061 | 34.5786 | -118.4600 | 1.58 | 0.179 | 0.225 | 0.130 | 31.1 | 36.2 | 26.0 | 30.4 | 117 | 622 | 12.6 |
| 065 | 34.6139 | -118.4342 | 1.29 | 0.124 | 0.214 | 0.058 | -27.4 | -7.6 | -47.2 | 90.0 | 22 | 814 | 9.8 |
| 066 | 34.6175 | -118.4406 | 2.75 | 0.175 | 0.280 | 0.105 | 60.1 | 71.8 | 48.3 | 45.2 | 26 | 817 | 22.0 |
| 067 | 34.6305 | -118.4433 | 0.88 | 0.212 | 0.565 | 0.052 | -170.5 | -144.2 | -196.7 | 86.1 | 16 | 957 | 5.9 |
| 069 | 34.6535 | -118.4796 | 3.28 | 0.067 | 0.166 | 0.033 | -145.4 | -124.7 | -166.2 | 73.2 | 20 | 885 | 26.0 |
| 071 | 34.6698 | -118.4561 | 1.64 | 0.144 | 0.207 | 0.102 | 11.2 | 23.5 | -1.2 | 75.7 | 23 | 1012 | 12.0 |

| | | | | | | | | | | | | | |
|-----|---------|-----------|------|-------|-------|-------|--------|--------|--------|------|----|------|------|
| 072 | 34.6763 | -118.4531 | 2.93 | 0.194 | 0.510 | 0.055 | 51.6 | 79.6 | 23.5 | 83.8 | 15 | 982 | 22.6 |
| 073 | 34.6874 | -118.4556 | 9.90 | 0.137 | 0.222 | 0.080 | 138.4 | 156.0 | 120.8 | 90.0 | 10 | 1071 | 93.8 |
| 075 | 34.7086 | -118.4668 | 2.58 | 0.171 | 0.443 | 0.102 | 28.0 | 49.5 | 6.4 | 90.0 | 10 | 1076 | 19.2 |
| 076 | 34.7149 | -118.4567 | 2.75 | 0.128 | 0.172 | 0.090 | 11.6 | 19.4 | 3.8 | 64.3 | 37 | 985 | 20.7 |
| 079 | 34.7539 | -118.4661 | 4.16 | 0.246 | 0.352 | 0.151 | -125.7 | -119.8 | -131.6 | 59.6 | 30 | 867 | 33.8 |